

Converting Colors

XYZ(85.0278, 86.9445, 89.7685)

Have a look what the booklet for
XYZ(85.0278, 86.9445, 89.7685)
contains.

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Color

**XYZ(85.2804, 87.2043,
90.1793)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEDEA
RGB	252, 237, 234
RGB Percent	99%, 93%, 92%
CMY	0.0118, 0.0706, 0.0823
CMYK	0.00, 0.06, 0.07, 0.01
HSL	10°, 75%, 95%
HSV	10°, 7%, 99%
XYZ	85.2804, 87.2043, 90.1793
YIQ	241.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

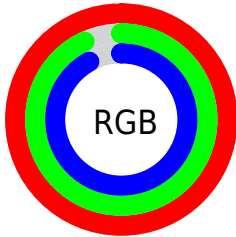
Format	Color
R _Y B	252, 238, 234
Decimal	16575978
CIE Lab	94.82, 4.56, 3.26
CIE LCh	95, 5.601, 35.538
Yxy	87.2043, 0.3247, 0.3320
Android (android.graphics.Color)	4294766058 (0xFFFCDEEA)
YUV	241.1430, -3.5215, 9.5216
Hunter-Lab	93.3832, -0.4091, 8.1125

Details

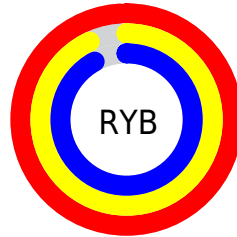
The XYZ color **85.2804, 87.2043, 90.1793** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3780, 92.2708, 105.4068**, and the grayscale version is **83.7452, 88.1064, 95.9479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0654, 47.8642, 48.8776** is the 20% darker color. If you saturate the color by 10%, you get **76.1883, 74.4070, 70.5393**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

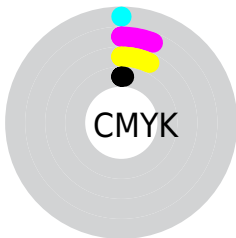
Distribution



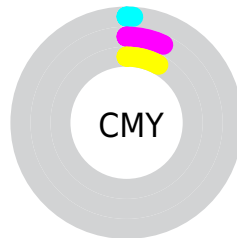
- Red (99%)
- Green (93%)
- Blue (92%)



- Red (99%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2804, 87.2043, 90.1793 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 85.2804, 87.2043, 90.1793 by changing the saturation by 10% instead.


 85.2804, 87.2043,
90.1793

 85.2804, 87.2043,
90.1793


501.0251,
518.8940, 549.1991

 64.3964, 65.6643,
67.5548


139.6769,
143.4489, 149.5251

 47.2347, 47.9999,
49.0712


173.9200,
178.9222, 187.0835

 33.4299, 33.8268,
34.3100


213.3469,
219.8088, 230.4570

 22.6168, 22.7606,
22.8525

258.3229,
266.4930, 280.0641

 14.4300, 14.4168,
14.2804

309.2134,
319.3592, 336.3233

 8.5040, 8.4111,
8.1750

366.3837,

 4.4736, 4.3591,

378.7918, 399.6531

4.1177

430.1992,
445.1753, 470.4722

■ 1.9734, 1.8764,
1.6902

■ 0.6190, 0.5341,
0.3540

■ 85.2804, 87.2043,
90.1793

■ 85.2804, 87.2043,
90.1793

■ 76.1883, 74.4070,
70.5393

93.9554, 99.4357,
108.8488

■ 68.2744, 63.1777,
53.7247

■ 61.4921, 53.4592,
39.6068

■ 55.7889, 45.1867,
28.0447

■ 51.1082, 38.2904,
18.8847

■ 47.3879, 32.6949,
11.9565

■ 44.5591, 28.3173,
7.0672

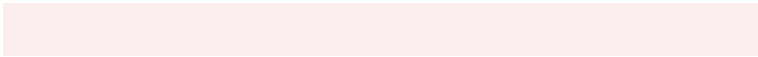
■ 42.5429, 25.0648,
3.9910

■ 41.2442, 22.8301,
2.4396

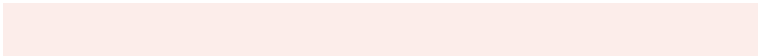
Harmonies

Analogous

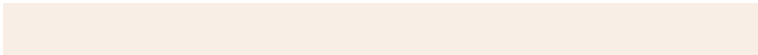
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8212, 87.2043, 94.1471



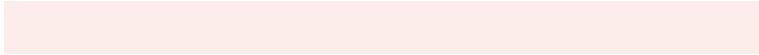
85.2804, 87.2043, 90.1793



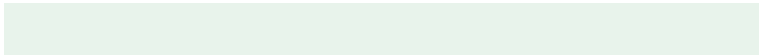
84.0983, 87.2043, 87.5508

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2804, 87.2043, 90.1793



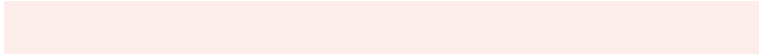
80.2593, 87.2043, 91.5346



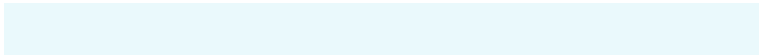
83.1668, 87.2043, 103.5070

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



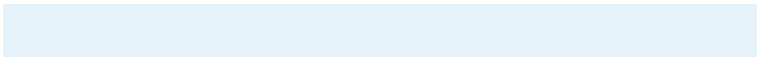
85.2804, 87.2043, 90.1793



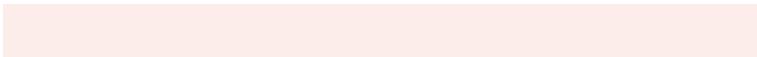
85.3780, 92.2708, 105.4068

Split Complementary

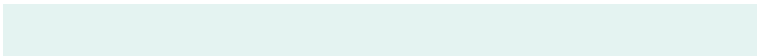
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6835, 87.2043, 102.7561



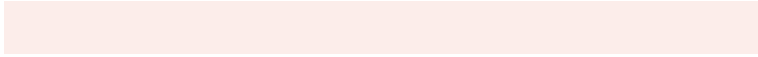
85.2804, 87.2043, 90.1793



80.0167, 87.2043, 95.7588

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2804, 87.2043, 90.1793



81.2019, 87.2043, 88.3165



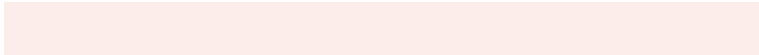
80.5350, 87.2043, 99.8874



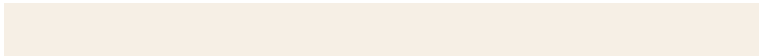
84.5914, 87.2043, 101.9090

Rectangle

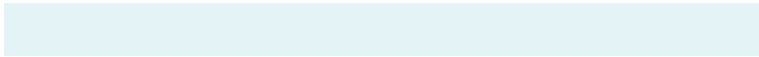
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



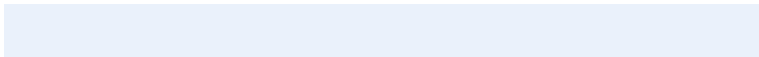
85.2804, 87.2043, 90.1793



83.1121, 87.2043, 86.8665



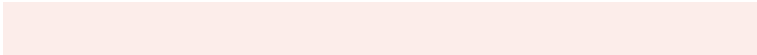
80.5350, 87.2043, 99.8874



82.6584, 87.2043, 103.5214

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85.2828, 87.2081, 90.1812



92.8991, 96.9949, 104.1859



86.6678, 86.3820, 101.7293



19.9068, 20.7924, 22.3494



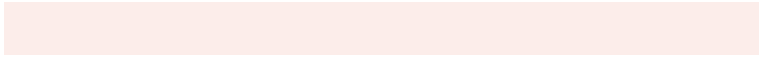
0.0000, 0.0000, 0.0000



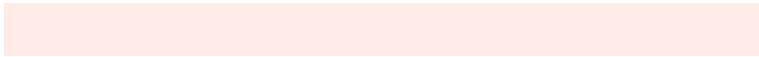
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2828, 87.2081, 90.1812



85.7736, 87.0111, 88.6552



87.9532, 92.5488, 91.0713



17.4786, 17.6931, 17.9563



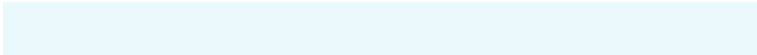
21.4149, 11.7865, 1.1463



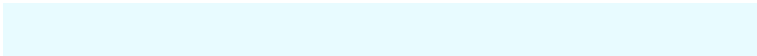
2.0477, 1.2202, 0.1276

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85.3780, 92.2708, 105.4068



85.8952, 93.4846, 108.1249



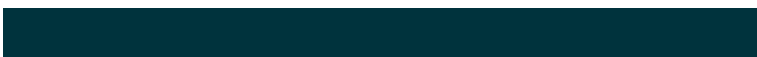
82.6637, 86.8422, 104.5021



17.5048, 19.0864, 22.1467



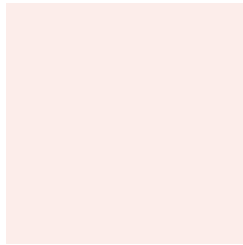
21.2446, 27.8448, 52.2284



2.0309, 2.7055, 4.8583

Previews

White Background



This preview shows how the XYZ color 85.2804, 87.2043, 90.1793 looks on a white background.

Color Contrast Check

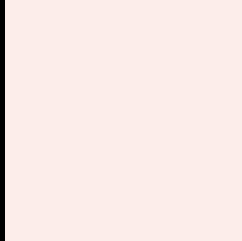
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 85.2804, 87.2043, 90.1793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

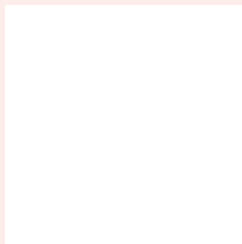
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2804, 87.2043, 90.1793

Background



This preview shows how black text looks on a background with the XYZ color 85.2804, 87.2043, 90.1793.



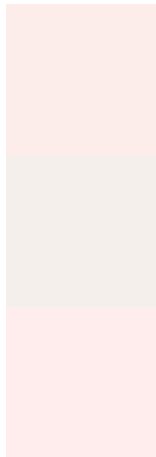
This preview shows how white text looks on a background with the XYZ color 85.2804, 87.2043,

90.1793.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.2804, 87.2043, 90.1793

Protanopia

83.5181, 87.1436, 91.0158

Deuteranopia

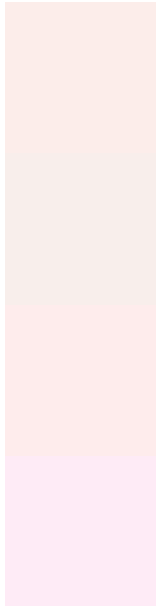
86.5215, 87.3653, 92.4238



Tritanopia

88.3924, 87.1975, 105.1005

Trichromacy



Original Color

85.2804, 87.2043, 90.1793

Protanomaly

84.2813, 87.1037, 90.9679

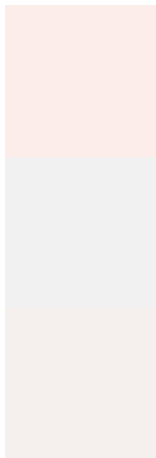
Deuteranomaly

86.0088, 87.1179, 91.6392

Tritanomaly

87.2159, 87.1413, 99.4120

Monochromacy



Original Color

85.2804, 87.2043, 90.1793

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.2489, 87.9057, 93.4160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2804, 87.2043, 90.1793 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(252, 237, 234) looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.2804, 87.2043, 90.1793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 237, 234) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 237, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 237, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2804, 87.2043, 90.1793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
237, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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