

Converting Colors

XYZ(85.7763, 90.0732, 87.5543)

Have a look what the booklet for
XYZ(85.7763, 90.0732, 87.5543)
contains.

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Color

**XYZ(85.7579, 90.1383,
87.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF3E6
RGB	250, 243, 230
RGB Percent	98%, 95%, 90%
CMY	0.0196, 0.0470, 0.0980
CMYK	0.00, 0.03, 0.08, 0.02
HSL	39°, 67%, 94%
HSV	39°, 8%, 98%
XYZ	85.7579, 90.1383, 87.7414
YIQ	243.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

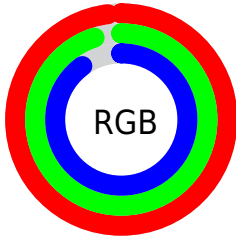
Format	Color
R _Y B	241, 250, 230
Decimal	16446438
CIE Lab	96.05, 0.16, 7.08
CIE LCh	96, 7.085, 88.721
Yxy	90.1383, 0.3253, 0.3419
Android (android.graphics.Color)	4294636518 (0xFFFAF3E6)
YUV	243.6110, -6.7102, 5.6032
Hunter-Lab	94.9412, -4.9127, 11.6650

Details

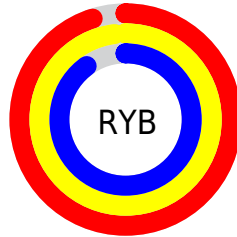
The XYZ color **85.7579, 90.1383, 87.7414** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.1726, 84.2923, 102.4882**, and the grayscale version is **85.7276, 90.1921, 98.2192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5005, 49.9732, 47.6997** is the 20% darker color. If you saturate the color by 10%, you get **79.9418, 83.7266, 69.7061**, and if you desaturate by 10%, it is **92.2070, 97.0085, 108.4724**.

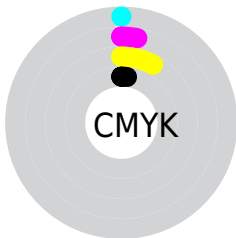
Distribution



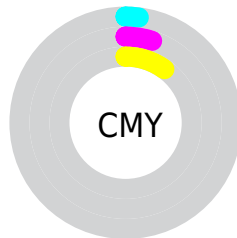
- Red (98%)
- Green (95%)
- Blue (90%)



- Red (95%)
- Yellow (98%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7579, 90.1383, 87.7414 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 85.7579, 90.1383, 87.7414 by changing the saturation by 10% instead.


 85.7579, 90.1383,
87.7414

 85.7579, 90.1383,
87.7414


502.5786,
528.4806, 541.0353

 64.7924, 68.0954,
65.5458


140.3402,
147.5305, 146.1050

 47.5568, 49.9753,
47.4496


174.6876,
183.6485, 183.1102

 33.6859, 35.3938,
33.0344


214.2265,
225.2270, 225.8889

 22.8141, 23.9664,
21.8814

259.3220,
272.6504, 274.8598

 14.5763, 15.3087,
13.5723

310.3397,
326.3031, 330.4413

 8.6069, 9.0363,
7.6885

367.6447,

 4.5407, 4.7649,

386.5694, 393.0520

3.8114

431.6026,
453.8338, 463.1106

■ 2.0124, 2.1100,
1.5224

■ 0.6409, 0.6702,
0.2346

■ 85.7579, 90.1383,
87.7414

■ 85.7579, 90.1383,
87.7414

■ 79.9418, 83.7266,
69.7061

■ 92.2070, 97.0085,
108.4724

■ 74.7283, 77.7498,
54.2494

■ 93.2349, 99.0643,
108.8151

■ 70.0955, 72.1991,
41.2523

■ 66.0167, 67.0611,
30.5841

■ 62.4632, 62.3213,
22.1019

■ 59.4031, 57.9639,
15.6469

■ 56.8001, 53.9714,
11.0384

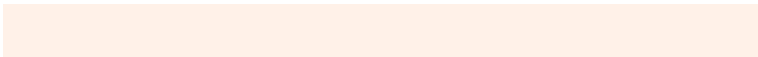
■ 54.6121, 50.3239,
8.0634

■ 52.7822, 46.9951,
6.4326

Harmonies

Analogous

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



87.6462, 90.1383, 89.2034



85.7579, 90.1383, 87.7414



83.8747, 90.1383, 88.9775

Triad

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



85.7579, 90.1383, 87.7414



82.4098, 90.1383, 103.4260



88.9365, 90.1383, 103.8588

Complementary

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



85.7579, 90.1383, 87.7414



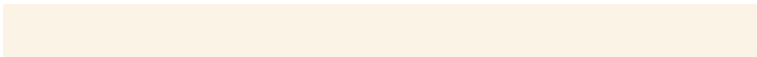
80.1726, 84.2923, 102.4882

Split Complementary

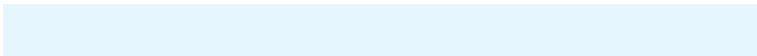
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4983, 90.1383, 107.9221



85.7579, 90.1383, 87.7414



83.7311, 90.1383, 107.6657

Square

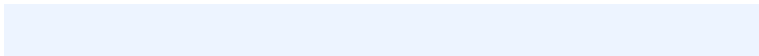
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7579, 90.1383, 87.7414



81.9595, 90.1383, 97.9046



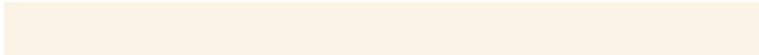
85.5897, 90.1383, 109.3407



89.4985, 90.1383, 98.3864

Rectangle

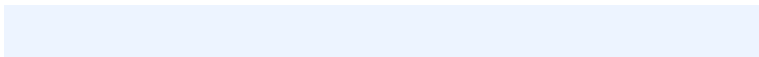
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7579, 90.1383, 87.7414



82.8715, 90.1383, 91.1929



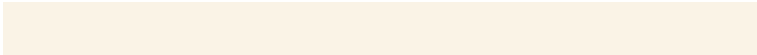
85.5897, 90.1383, 109.3407



88.5384, 90.1383, 105.4423

Sweetspot

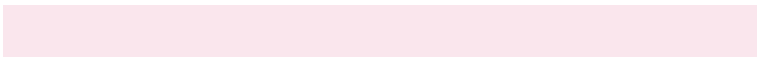
The Sweet Spot groups the original color and five complimentary colors.



85.7604, 90.1422, 87.7433



93.6732, 98.5429, 104.4439



83.0085, 83.0334, 91.7741



20.0644, 21.1076, 22.4020



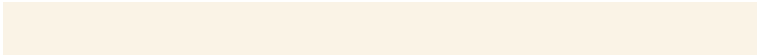
0.0000, 0.0000, 0.0000



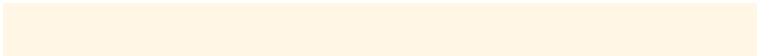
20.3446, 21.4041, 23.3091

Same Dimension

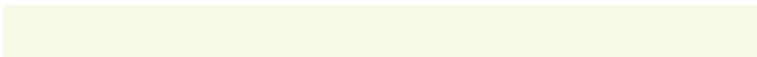
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7604, 90.1422, 87.7433



88.4331, 92.9056, 87.7670



86.8275, 93.8598, 88.4047



18.1866, 19.1090, 18.1923



27.9572, 24.8711, 3.3271



2.6886, 2.5021, 0.3413

Inverse Universe

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



80.1726, 84.2923, 102.4882



81.2197, 85.3540, 106.8020



79.1577, 80.8208, 101.8716



16.7796, 17.6360, 21.9050



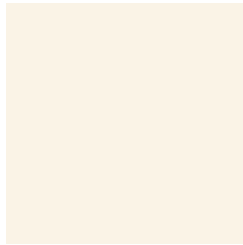
11.1012, 7.5580, 48.8473



1.1234, 0.8905, 4.5558

Previews

White Background



This preview shows how the XYZ color 85.7579, 90.1383, 87.7414 looks on a white background.

Color Contrast Check

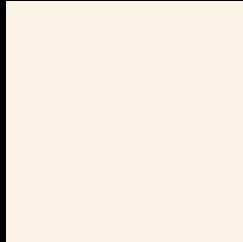
Large Text (above 18pt) WCAG AA × Fail

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 85.7579, 90.1383, 87.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

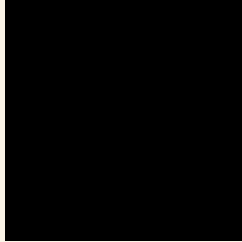
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7579, 90.1383, 87.7414

Background



This preview shows how black text looks on a background with the XYZ color 85.7579, 90.1383, 87.7414.



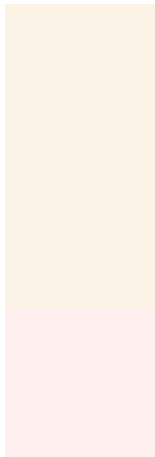
This preview shows how white text looks on a background with the XYZ color 85.7579, 90.1383,

87.7414.

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

85.7579, 90.1383, 87.7414

Protanopia

86.1172, 90.3236, 87.7582

Deuteranopia

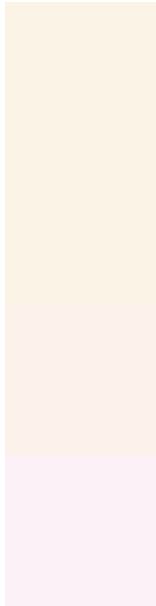
87.9801, 89.8122, 94.3598



Tritanopia

89.3550, 90.2356, 107.3154

Trichromacy



Original Color

85.7579, 90.1383, 87.7414

Protanomaly

86.1172, 90.3236, 87.7582

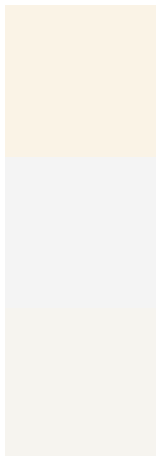
Deuteranomaly

87.1036, 89.8494, 92.1087

Tritanomaly

87.8735, 90.0736, 99.9433

Monochromacy



Original Color

85.7579, 90.1383, 87.7414

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9367, 90.5262, 94.6053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7579, 90.1383, 87.7414 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(250, 243, 230) looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 230)  
}
```

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(250, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 230) }
```

Border

The CSS property to change the border of an element to XYZ 85.7579, 90.1383, 87.7414 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(250, 243, 230) }
```


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

```
.border{ border-color:rgb(250, 243, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7579, 90.1383, 87.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 230) }
```

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

```
.background{ background-color: rgb(250,  
243, 230) }
```

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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