

Converting Colors

XYZ(86.1044, 87.6727, 88.7655)

Have a look what the booklet for
XYZ(86.1044, 87.6727, 88.7655)
contains.

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Color

**XYZ(86.0897, 87.6546,
88.7255)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE8
RGB	255, 237, 232
RGB Percent	100%, 93%, 91%
CMY	0.0000, 0.0706, 0.0902
CMYK	0.00, 0.07, 0.09, 0.00
HSL	13°, 100%, 95%
HSV	13°, 9%, 100%
XYZ	86.0897, 87.6546, 88.7255
YIQ	241.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

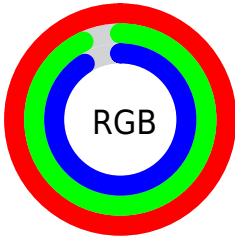
Format	Color
R _Y B	255, 238, 232
Decimal	16772584
CIE Lab	95.02, 5.26, 4.60
CIE LCh	95, 6.985, 41.175
Yxy	87.6546, 0.3280, 0.3340
Android (android.graphics.Color)	4294962664 (0xFFFFE8)
YUV	241.8120, -4.8373, 11.5659
Hunter-Lab	93.6240, 0.2933, 9.3490

Details

The XYZ color **86.0897, 87.6546, 88.7255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5134, 92.7445, 108.0022**, and the grayscale version is **84.2815, 88.6707, 96.5624**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6490, 48.1881, 47.8642** is the 20% darker color. If you saturate the color by 10%, you get **77.2687, 75.3947, 69.1927**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

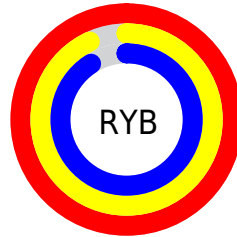
Distribution



Red (100%)

Green (93%)

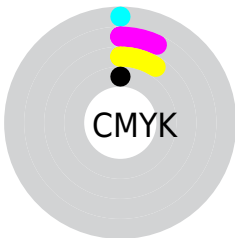
Blue (91%)



Red (100%)

Yellow (93%)

Blue (91%)



Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.0897, 87.6546, 88.7255 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 86.0897, 87.6546, 88.7255 by changing the saturation by 10% instead.


 86.0897, 87.6546,
88.7255

 86.0897, 87.6546,
88.7255


503.6565,
520.3715, 544.3389

 65.0677, 66.0371,
66.3563


140.8008,
144.0762, 147.4868

 47.7809, 48.3025,
48.1034


175.2207,
179.6490, 184.7160

 33.8639, 34.0665,
33.5482

214.8371,
220.6424, 227.7356

 22.9515, 22.9447,
22.2722

260.0156,
267.4408, 276.9642

 14.6782, 14.5527,
13.8568

311.1214,
320.4284, 332.8203

 8.6787, 8.5060,
7.8835

368.5199,

 4.5876, 4.4204,

379.9898, 395.7224

3.9338

432.5765,
446.5094, 466.0891

■ 2.0396, 1.9114,
1.5891

■ 0.6561, 0.5552,
0.2830

■ 86.0897, 87.6546,
88.7255

■ 86.0897, 87.6546,
88.7255

■ 77.2687, 75.3947,
69.1927

95.0500, 100.0000,
108.9000

■ 69.5705, 64.5760,
52.5146

■ 62.9510, 55.1481,
38.5585

■ 57.3605, 47.0540,
27.1788

■ 52.7456, 40.2323,
18.2163

■ 49.0476, 34.6170,
11.4941

■ 46.2012, 30.1356,
6.8107

■ 44.1314, 26.7073,
3.9278

■ 42.7390, 24.2360,
2.4973

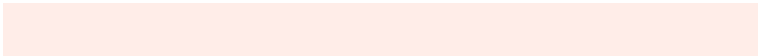
Harmonies

Analogous

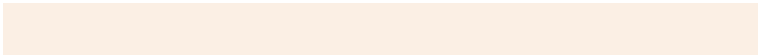
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9440, 87.6546, 93.4302



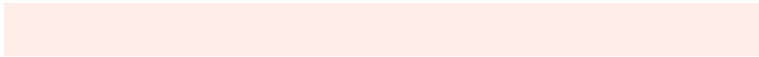
86.0897, 87.6546, 88.7255



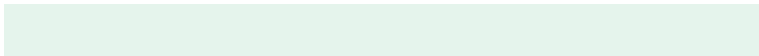
84.4960, 87.6546, 85.8882

Triad

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



86.0897, 87.6546, 88.7255



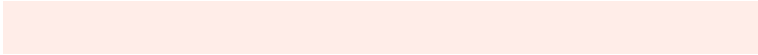
79.9071, 87.6546, 92.1087



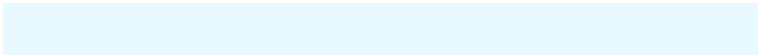
84.0222, 87.6546, 106.0637

Complementary

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



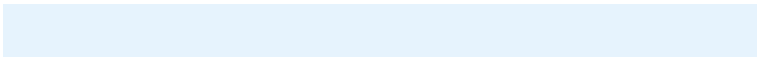
86.0897, 87.6546, 88.7255



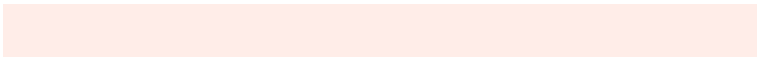
85.5134, 92.7445, 108.0022

Split Complementary

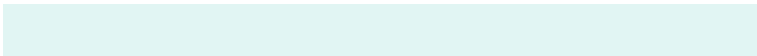
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1412, 87.6546, 105.6770



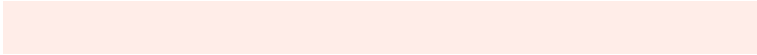
86.0897, 87.6546, 88.7255



79.7846, 87.6546, 97.4804

Square

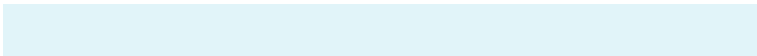
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0897, 87.6546, 88.7255



80.9340, 87.6546, 87.7897



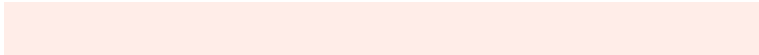
80.5968, 87.6546, 102.4870



85.7383, 87.6546, 103.5243

Rectangle

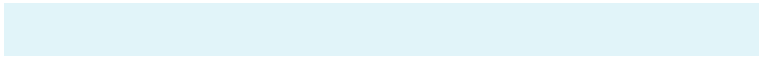
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



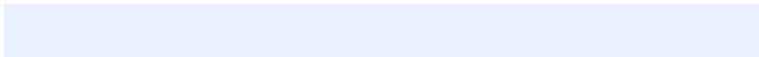
86.0897, 87.6546, 88.7255



83.2383, 87.6546, 85.3703



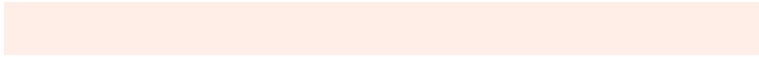
80.5968, 87.6546, 102.4870



83.3879, 87.6546, 106.2740

Sweetspot

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



86.0917, 87.6582, 88.7274



91.9628, 95.7575, 101.9152



87.3551, 85.8773, 102.4284



19.5111, 20.2583, 21.4245



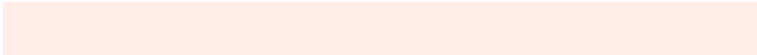
0.0000, 0.0000, 0.0000



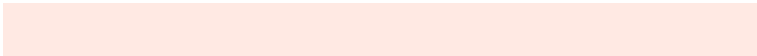
20.3446, 21.4041, 23.3091

Same Dimension

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



86.0917, 87.6582, 88.7274



84.2524, 85.1116, 84.6245



89.5221, 94.5190, 89.8708



18.3298, 18.6277, 18.7738



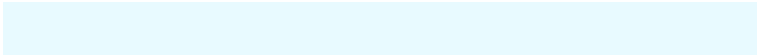
22.3632, 12.7377, 1.2799



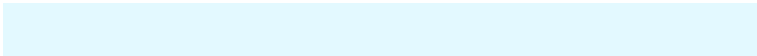
2.2535, 1.3923, 0.1500

Inverse Universe

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



85.5134, 92.7445, 108.0022



83.5564, 91.2300, 107.8130



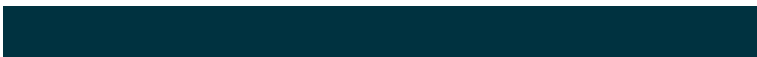
82.0548, 85.8271, 106.8493



18.1998, 19.7711, 23.1069



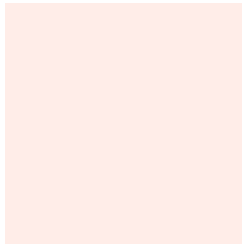
20.2795, 25.4685, 53.2817



2.0537, 2.6381, 5.2142

Previews

White Background



This preview shows how the XYZ color 86.0897, 87.6546, 88.7255 looks on a white background.

Color Contrast Check

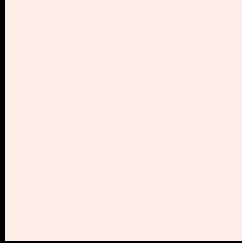
Large Text (above 18pt) WCAG AA × Fail

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 86.0897, 87.6546, 88.7255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

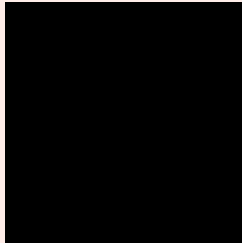
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

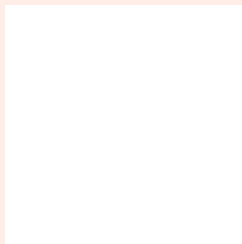
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0897, 87.6546, 88.7255

Background



This preview shows how black text looks on a background with the XYZ color 86.0897, 87.6546, 88.7255.



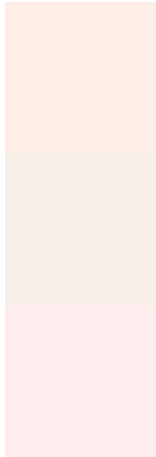
This preview shows how white text looks on a background with the XYZ color 86.0897, 87.6546,

88.7255.

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

86.0897, 87.6546, 88.7255

Protanopia

84.2258, 87.9775, 89.6330

Deuteranopia

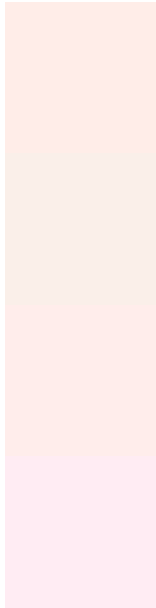
86.8102, 87.9428, 92.5200



Tritanopia

88.2036, 87.5788, 102.6980

Trichromacy



Original Color

86.0897, 87.6546, 88.7255

Protanomaly

84.9988, 87.9402, 89.5850

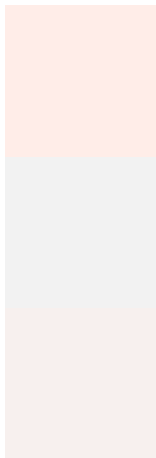
Deuteranomaly

86.5196, 87.8265, 90.9894

Tritanomaly

87.4131, 87.7220, 97.1189

Monochromacy



Original Color

86.0897, 87.6546, 88.7255

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.9505, 88.2674, 93.4489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0897, 87.6546, 88.7255 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(255, 237, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 232)  
}
```

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(255, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 232) }
```

Border

The CSS property to change the border of an element to XYZ 86.0897, 87.6546, 88.7255 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(255, 237, 232) }
```


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

```
.border{ border-color:rgb(255, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0897, 87.6546, 88.7255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 232) }
```

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

```
.background{ background-color: rgb(255,  
237, 232) }
```

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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