

Converting Colors

XYZ(90.4045, 90.1639, 84.7466)

Have a look what the booklet for
XYZ(90.4045, 90.1639, 84.7466)
contains.

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Color

**XYZ(85.2517, 87.3194,
84.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE2
RGB	255, 237, 226
RGB Percent	100%, 93%, 89%
CMY	0.0000, 0.0706, 0.1137
CMYK	0.00, 0.07, 0.11, 0.00
HSL	23°, 100%, 94%
HSV	23°, 11%, 100%
XYZ	85.2517, 87.3194, 84.3126
YIQ	241.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

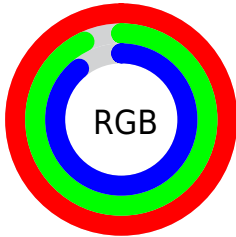
Format	Color
R _Y B	255, 244, 226
Decimal	16772578
CIE Lab	94.87, 4.29, 7.50
CIE LCh	95, 8.646, 60.223
Yxy	87.3194, 0.3319, 0.3399
Android (android.graphics.Color)	4294962658 (0xFFFFE2E2)
YUV	241.1280, -7.4581, 12.1657
Hunter-Lab	93.4449, -0.6792, 11.9157

Details

The XYZ color **85.2517, 87.3194, 84.3126** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7639, 88.0877, 107.3010**, and the grayscale version is **83.7607, 88.1228, 95.9657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1633, 47.9938, 45.3060** is the 20% darker color. If you saturate the color by 10%, you get **77.6289, 77.2633, 65.7734**, and if you desaturate by 10%, it is **93.8032, 98.3995, 105.7311**.

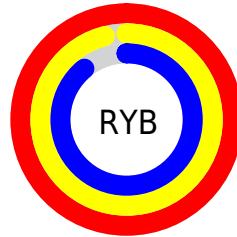
Distribution



Red (100%)

Green (93%)

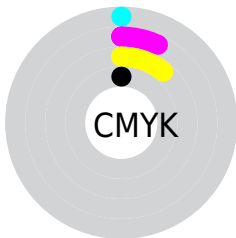
Blue (89%)



Red (100%)

Yellow (96%)

Blue (89%)

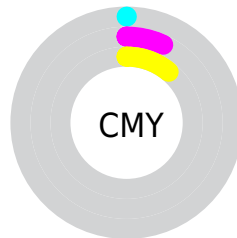


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2517, 87.3194, 84.3126 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 85.2517, 87.3194, 84.3126 by changing the saturation by 10% instead.


 85.2517, 87.3194,
84.3126

 85.2517, 87.3194,
84.3126


500.9317,
519.2718, 529.4359

 64.3726, 65.7596,
62.7267


139.6370,
143.6092, 141.2780

 47.2153, 48.0772,
45.1806


173.8739,
179.1080, 177.4945

 33.4146, 33.8881,
31.2557


213.2940,
220.0219, 219.4251

 22.6050, 22.8076,
20.5335

258.2629,
266.7353, 267.4881

 14.4212, 14.4515,
12.5955

309.1457,
319.6326, 322.1021

 8.4978, 8.4354,
7.0232

366.3078,

 4.4696, 4.3748,

379.0982, 383.6857

3.3979

430.1147,
445.5165, 452.6575

■ 1.9711, 1.8853,
1.3012

■ 0.6176, 0.5395,
0.0628

■ 85.2517, 87.3194,
84.3126

■ 85.2517, 87.3194,
84.3126

■ 77.6289, 77.2633,
65.7734

■ 93.8032, 98.3995,
105.7311

■ 70.8956, 68.1903,
49.9838

95.0500, 100.0000,
108.9000

■ 65.0183, 60.0726,
36.8126

■ 59.9590, 52.8769,
26.1154

■ 55.6766, 46.5678,
17.7339

■ 52.1257, 41.1072,
11.4908

■ 49.2554, 36.4536,
7.1829

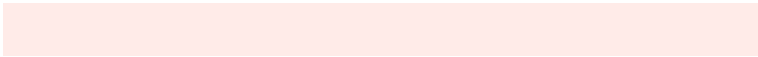
■ 47.0063, 32.5609,
4.5665

■ 45.4934, 29.7668,
3.3478

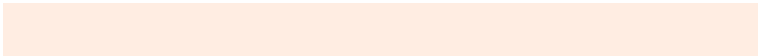
Harmonies

Analogous

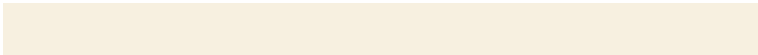
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9479, 87.3194, 88.7290



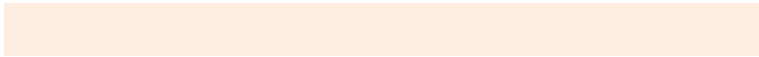
85.2517, 87.3194, 84.3126



82.9770, 87.3194, 82.7502

Triad

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



85.2517, 87.3194, 84.3126



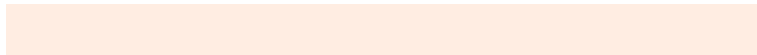
78.5710, 87.3194, 95.1261



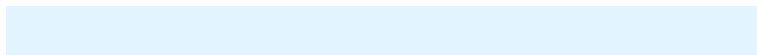
85.2826, 87.3194, 106.6643

Complementary

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



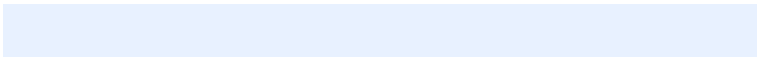
85.2517, 87.3194, 84.3126



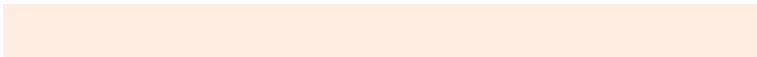
81.7639, 88.0877, 107.3010

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.



83.0120, 87.3194, 108.5687



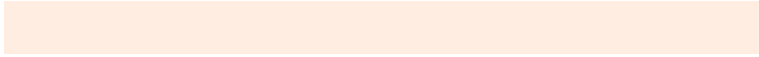
85.2517, 87.3194, 84.3126



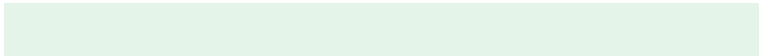
79.1628, 87.3194, 101.7186

Square

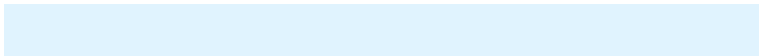
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2517, 87.3194, 84.3126



79.1458, 87.3194, 88.8120



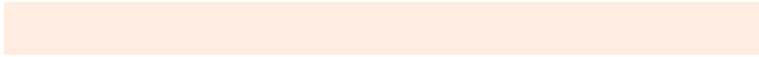
80.7774, 87.3194, 106.7185



86.9659, 87.3194, 101.6278

Rectangle

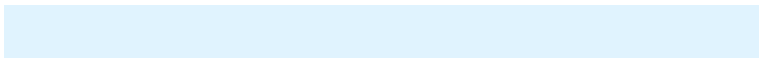
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2517, 87.3194, 84.3126



81.4471, 87.3194, 83.4772



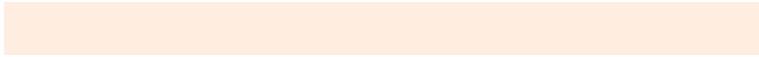
80.7774, 87.3194, 106.7185



84.5613, 87.3194, 107.7023

Sweetspot

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



85.2537, 87.3230, 84.3144



92.3469, 96.5256, 102.0432



84.8218, 82.2077, 97.2777



19.6145, 20.4651, 21.4589



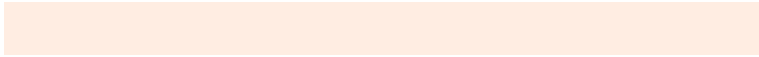
0.0000, 0.0000, 0.0000



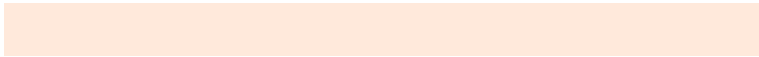
20.3446, 21.4041, 23.3091

Same Dimension

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



85.2537, 87.3230, 84.3144



83.1615, 84.5819, 79.1679



89.5066, 95.8289, 85.7321



18.5743, 19.1167, 18.8553



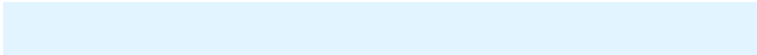
23.9036, 15.8185, 1.7934



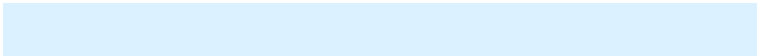
2.4287, 1.7428, 0.2084

Inverse Universe

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



81.7639, 88.0877, 107.3010



78.9431, 85.5054, 106.9512



77.6747, 79.9093, 105.9379



17.9419, 19.2554, 23.0210



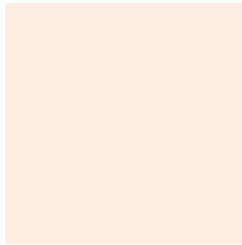
15.9895, 16.8886, 51.8517



1.6623, 1.8553, 5.0838

Previews

White Background



This preview shows how the XYZ color 85.2517, 87.3194, 84.3126 looks on a white background.

Color Contrast Check

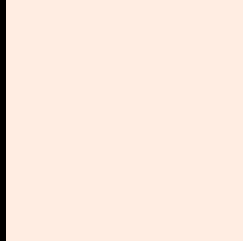
Large Text (above 18pt) WCAG AA × Fail

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 85.2517, 87.3194, 84.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

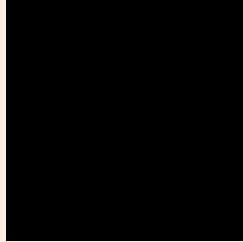
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.2517, 87.3194, 84.3126

Background



This preview shows how black text looks on a background with the XYZ color 85.2517, 87.3194, 84.3126.



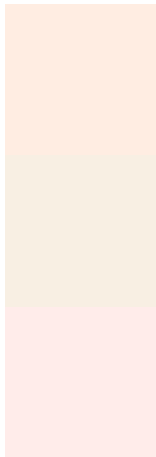
This preview shows how white text looks on a background with the XYZ color 85.2517, 87.3194,

84.3126.

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

85.2517, 87.3194, 84.3126

Protanopia

83.4430, 87.2355, 85.1133

Deuteranopia

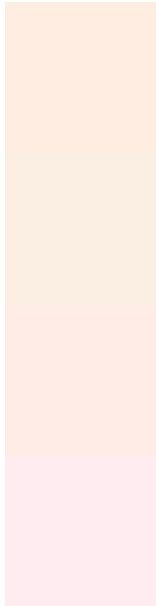
86.0867, 87.1914, 90.1343



Tritanopia

88.0472, 87.5162, 101.8743

Trichromacy



Original Color

85.2517, 87.3194, 84.3126

Protanomaly

84.2233, 87.2044, 85.0661

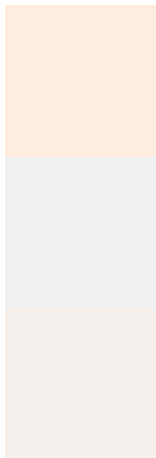
Deuteranomaly

85.6593, 87.0204, 87.8832

Tritanomaly

87.1126, 87.6018, 95.5366

Monochromacy



Original Color

85.2517, 87.3194, 84.3126

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.3064, 87.9691, 91.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2517, 87.3194, 84.3126 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 226) }
```

Border

The CSS property to change the border of an element to XYZ 85.2517, 87.3194, 84.3126 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, 226) }
```


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

```
.border{ border-color:rgb(255, 237, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2517, 87.3194, 84.3126 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
237, 226) }
```

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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