

Converting Colors

XYZ(84.4543, 85.5459, 84.5979)

Have a look what the booklet for
XYZ(84.4543, 85.5459, 84.5979)
contains.

XYZ(84.5279, 85.6517, 84.7504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.5279, 85.6517,
84.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAE3
RGB	255, 234, 227
RGB Percent	100%, 92%, 89%
CMY	0.0000, 0.0823, 0.1098
CMYK	0.00, 0.08, 0.11, 0.00
HSL	15°, 100%, 95%
HSV	15°, 11%, 100%
XYZ	84.5279, 85.6517, 84.7504
YIQ	239.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

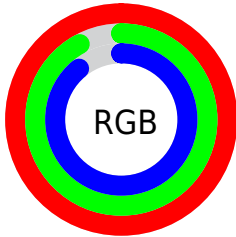
Format	Color
R _Y B	255, 236, 227
Decimal	16771811
CIE Lab	94.16, 5.99, 5.96
CIE LCh	94, 8.450, 44.880
Yxy	85.6517, 0.3316, 0.3360
Android (android.graphics.Color)	4294961891 (0xFFFFEAE3)
YUV	239.4810, -6.1531, 13.6102
Hunter-Lab	92.5482, 1.0717, 10.4893

Details

The XYZ color **84.5279, 85.6517, 84.7504** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2951, 90.6832, 107.7212**, and the grayscale version is **82.4591, 86.7534, 94.4745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6555, 46.8251, 45.6089** is the 20% darker color. If you saturate the color by 10%, you get **76.1131, 74.0434, 65.8485**, and if you desaturate by 10%, it is **94.0556, 98.6507, 106.5971**.

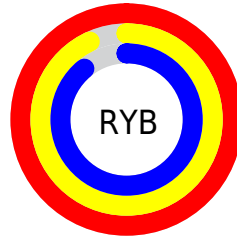
Distribution



Red (100%)

Green (92%)

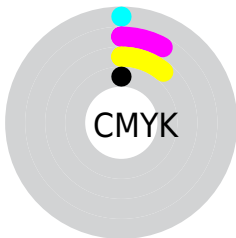
Blue (89%)



Red (100%)

Yellow (93%)

Blue (89%)

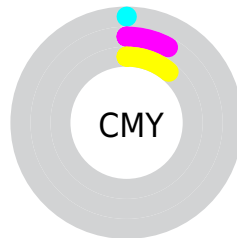


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5279, 85.6517, 84.7504 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 84.5279, 85.6517, 84.7504 by changing the saturation by 10% instead.


 84.5279, 85.6517,
84.7504

 84.5279, 85.6517,
84.7504


498.5718,
513.7820, 530.9248

 63.7726, 64.3800,
63.0862


138.6308,
141.2833, 141.8955

 46.7275, 46.9585,
45.4695


172.7091,
176.4121, 178.2134

 33.0273, 33.0029,
31.4818


211.9591,
216.9286, 220.2530

 22.3067, 22.1286,
20.7044

256.7461,
263.2173, 268.4328

 14.2003, 13.9515,
12.7190

307.4356,
315.6626, 323.1713

 8.3427, 8.0869,
7.1069

364.3928,

 4.3687, 4.1506,

374.6489, 384.8872

3.4496

427.9831,
440.5606, 453.9988

■ 1.9127, 1.7582,
1.3285

■ 0.5842, 0.4609,
0.0850

■ 84.5279, 85.6517,
84.7504

■ 84.5279, 85.6517,
84.7504

■ 76.1131, 74.0434,
65.8485

■ 94.0556, 98.6507,
106.5971

■ 68.7636, 63.7687,
49.7595

■ 95.0500, 100.0000,
108.9000

■ 62.4376, 54.7823,
36.3497

■ 57.0876, 47.0324,
25.4719

■ 52.6627, 40.4635,
16.9651

■ 49.1067, 35.0156,
10.6493

■ 46.3567, 30.6231,
6.3185

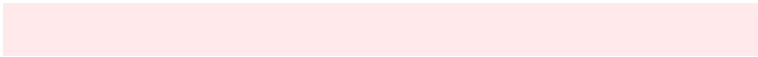
■ 44.3402, 27.2130,
3.7263

■ 43.0618, 24.9037,
2.5373

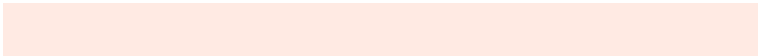
Harmonies

Analogous

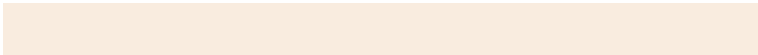
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6823, 85.6517, 90.1004



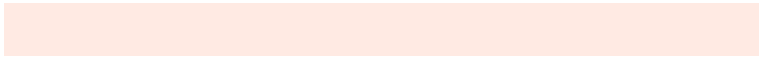
84.5279, 85.6517, 84.7504



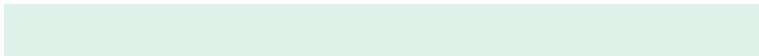
82.5483, 85.6517, 81.7531

Triad

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



84.5279, 85.6517, 84.7504



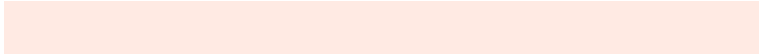
77.2855, 85.6517, 90.0510



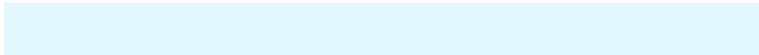
82.5305, 85.6517, 105.8140

Complementary

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



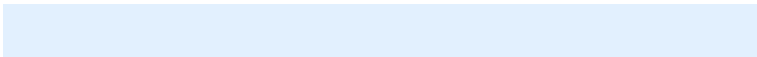
84.5279, 85.6517, 84.7504



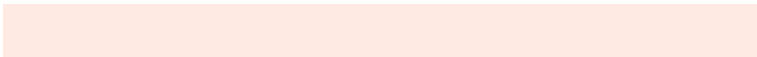
83.2951, 90.6832, 107.7212

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.



80.2810, 85.6517, 105.7993



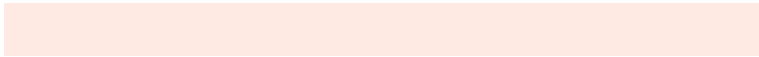
84.5279, 85.6517, 84.7504



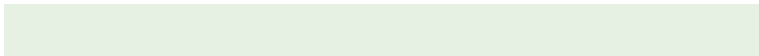
77.2809, 85.6517, 96.4929

Square

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



84.5279, 85.6517, 84.7504



78.3811, 85.6517, 84.7157



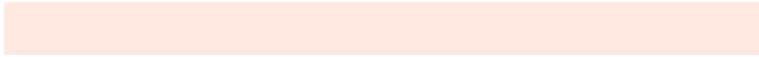
78.3685, 85.6517, 102.3213



84.5146, 85.6517, 102.3606

Rectangle

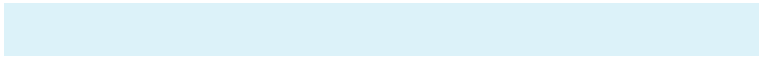
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5279, 85.6517, 84.7504



81.0403, 85.6517, 81.4002



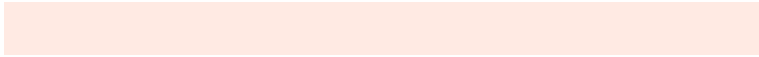
78.3685, 85.6517, 102.3213



81.7796, 85.6517, 106.2195

Sweetspot

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



84.5300, 85.6553, 84.7522



92.0399, 95.9116, 101.9409



85.6529, 82.9764, 100.3089



19.5319, 20.2998, 21.4314



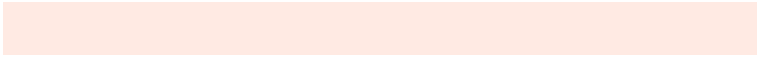
0.0000, 0.0000, 0.0000



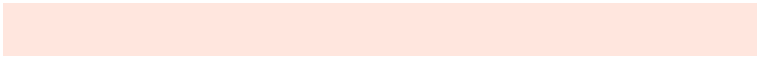
20.3446, 21.4041, 23.3091

Same Dimension

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



84.5300, 85.6553, 84.7522



82.7414, 83.1993, 80.7000



88.6729, 93.9412, 86.1332



18.3785, 18.7252, 18.7900



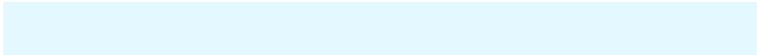
22.5995, 13.2101, 1.3587



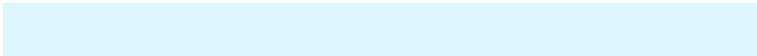
2.2827, 1.4507, 0.1597

Inverse Universe

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



83.2951, 90.6832, 107.7212



81.2994, 89.0682, 107.5147



79.1523, 82.3975, 106.3403



18.1474, 19.6665, 23.0895



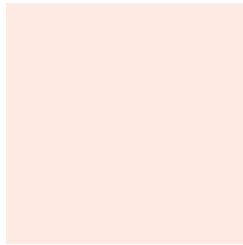
19.3147, 23.5390, 52.9601



1.9672, 2.4650, 5.1854

Previews

White Background



This preview shows how the XYZ color 84.5279, 85.6517, 84.7504 looks on a white background.

Color Contrast Check

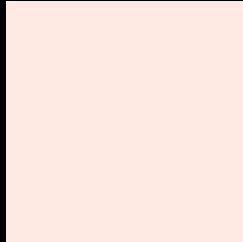
Large Text (above 18pt) WCAG AA × Fail

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 84.5279, 85.6517, 84.7504 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

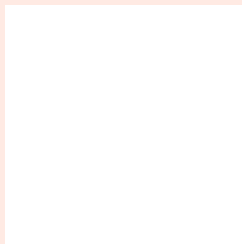
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5279, 85.6517, 84.7504

Background



This preview shows how black text looks on a background with the XYZ color 84.5279, 85.6517, 84.7504.



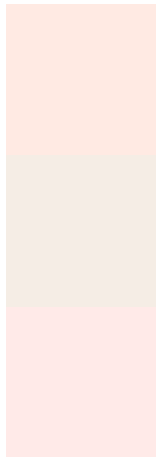
This preview shows how white text looks on a background with the XYZ color 84.5279, 85.6517,

84.7504.

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

84.5279, 85.6517, 84.7504

Protanopia

82.0832, 85.6380, 86.3323

Deuteranopia

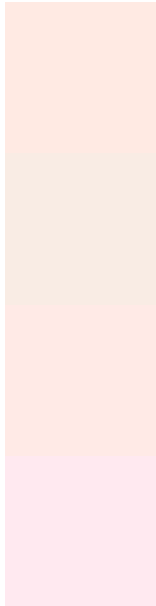
85.2283, 85.9318, 88.4384



Tritanopia

86.8851, 85.6886, 99.9559

Trichromacy



Original Color

84.5279, 85.6517, 84.7504

Protanomaly

83.0660, 85.7321, 85.5687

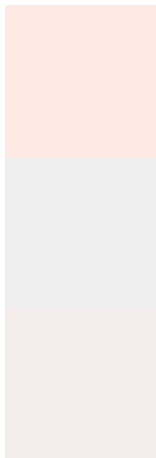
Deuteranomaly

84.9457, 85.8188, 86.9505

Tritanomaly

86.1071, 85.8291, 94.4664

Monochromacy



Original Color

84.5279, 85.6517, 84.7504

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.9358, 85.9790, 90.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5279, 85.6517, 84.7504 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, 234, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 227)  
}
```

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, 234, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 227) }
```

Border

The CSS property to change the border of an element to XYZ 84.5279, 85.6517, 84.7504 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, 234, 227) }
```


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

```
.border{ border-color:rgb(255, 234, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5279, 85.6517, 84.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 227) }
```

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

```
.background{ background-color: rgb(255,  
234, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor