

Converting Colors

XYZ(57.5764, 53.4265, 42.8751)

Have a look what the booklet for
XYZ(57.5764, 53.4265, 42.8751)
contains.

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Color

**XYZ(57.5764, 53.4265,
42.8751)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB5A5
RGB	235, 181, 165
RGB Percent	92%, 71%, 65%
CMY	0.0784, 0.2902, 0.3529
CMYK	0.00, 0.23, 0.30, 0.08
HSL	14°, 64%, 78%
HSV	14°, 30%, 92%
XYZ	57.5764, 53.4265, 42.8751
YIQ	195.3220, 37.3200, 6.4720

Conversions

Conversions Part 2

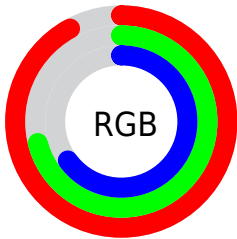
Format	Color
R _Y B	235, 186, 165
Decimal	15447461
CIE Lab	78.13, 17.35, 15.69
CIE LCh	78, 23.393, 42.136
Yxy	53.4265, 0.3742, 0.3472
Android (android.graphics.Color)	4293637541 (0xFFEBB5A5)
YUV	195.3220, -14.9487, 34.7976
Hunter-Lab	73.0934, 12.6927, 16.3871

Details

The XYZ color **57.5764, 53.4265, 42.8751** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.8434, 64.6587, 88.1347**, and the grayscale version is **52.1358, 54.8509, 59.7326**.

A 20% lighter version of the original color is **84.4425, 86.9957, 80.0514**, and **29.0599, 26.0956, 19.1281** is the 20% darker color. If you saturate the color by 10%, you get **52.1819, 45.7516, 31.4760**, and if you desaturate by 10%, it is **63.8464, 62.2228, 56.5061**.

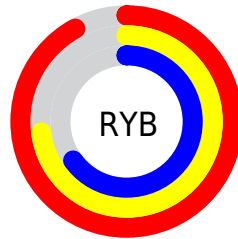
Distribution



Red (92%)

Green (71%)

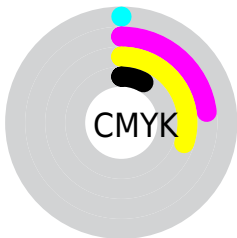
Blue (65%)



Red (92%)

Yellow (73%)

Blue (65%)

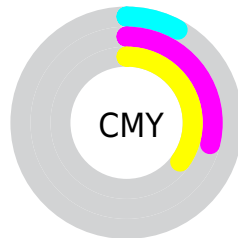


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (8%)



Cyan (8%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5764, 53.4265, 42.8751 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 57.5764, 53.4265, 42.8751 by changing the saturation by 10% instead.


 57.5764, 53.4265,
42.8751


 57.5764, 53.4265,
42.8751


405.5850,
399.9193, 374.0040

 41.7101, 38.1434,
29.4565


 100.4323, 95.2317,
80.8067

 29.0645, 26.0940,
19.1778


 128.1526,
122.5225, 106.1567

 19.2741, 16.8940,
11.6207


160.5549,
154.5846, 136.3209

 11.9737, 10.1589,
6.3666

198.0047,
191.8025, 171.7179

 6.7979, 5.5044,
2.9969

240.8672,
234.5605, 212.7661

 3.3812, 2.5462,
1.0930

289.5079,

 1.3584, 0.8997,

283.2431, 259.8842

0.0000

344.2920,
338.2345, 313.4906

■ 0.2263, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5764, 53.4265,
42.8751

■ 57.5764, 53.4265,
42.8751

■ 52.1819, 45.7516,
31.4760

■ 63.8464, 62.2228,
56.5061

■ 47.6187, 39.1452,
22.1860

■ 71.0249, 72.1756,
72.4763

■ 43.8450, 33.5613,
14.8751

■ 79.1484, 83.3280,
90.8901

■ 40.8136, 28.9475,
9.3978

■ 87.5989, 95.4579,
108.4160

■ 38.4718, 25.2465,
5.5880

■ 88.0711, 96.4022,
108.5734

■ 36.7591, 22.3944,
3.2494

■ 35.5884, 20.3125,
2.0594

■ 35.5677, 20.2755,
2.0389

Harmonies

Analogous

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



59.8609, 53.4265, 53.0426



57.5764, 53.4265, 42.8751



53.5228, 53.4265, 37.3640

Triad

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



57.5764, 53.4265, 42.8751



42.8705, 53.4265, 50.7916



52.6493, 53.4265, 86.3947

Complementary

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



57.5764, 53.4265, 42.8751



55.8434, 64.6587, 88.1347

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.



48.1331, 53.4265, 85.5504



57.5764, 53.4265, 42.8751



42.6678, 53.4265, 63.6226

Square

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



57.5764, 53.4265, 42.8751



45.1124, 53.4265, 41.4408



44.5412, 53.4265, 76.7338



56.9040, 53.4265, 78.8920

Rectangle

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



57.5764, 53.4265, 42.8751



50.4537, 53.4265, 36.4812



44.5412, 53.4265, 76.7338



51.1083, 53.4265, 87.1057

Sweetspot

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



57.5778, 53.4290, 42.8762



86.1829, 87.8296, 88.7917



60.6128, 49.7316, 73.9995



18.1588, 18.4020, 18.3582



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.



57.5778, 53.4290, 42.8762



65.0485, 58.2710, 42.5634



65.3959, 69.0651, 45.4822



15.3449, 15.6127, 15.7235



19.8744, 11.4431, 1.1612



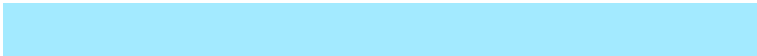
1.6317, 1.0408, 0.1149

Inverse Universe

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



55.8434, 64.6587, 88.1347



62.6213, 73.8797, 105.5675



47.8272, 48.6264, 85.4627



15.2087, 16.5039, 19.3062



17.6735, 21.9939, 47.0567



1.4589, 1.8693, 3.7188

Previews

White Background



This preview shows how the XYZ color 57.5764, 53.4265, 42.8751 looks on a white background.

Color Contrast Check

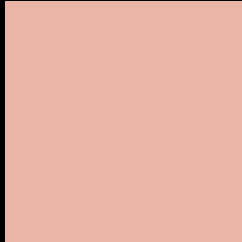
Large Text (above 18pt) WCAG AA × Fail

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 57.5764, 53.4265, 42.8751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

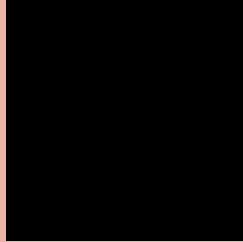
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5764, 53.4265, 42.8751

Background



This preview shows how black text looks on a background with the XYZ color 57.5764, 53.4265, 42.8751.



This preview shows how white text looks on a background with the XYZ color 57.5764, 53.4265,

42.8751.

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

57.5764, 53.4265, 42.8751

Protanopia

50.7778, 53.6368, 46.2047

Deuteranopia

54.6912, 53.4861, 42.5633



Tritanopia

60.3860, 53.3830, 56.4115

Trichromacy



Original Color

57.5764, 53.4265, 42.8751

Protanomaly

53.0906, 53.5559, 45.0753

Deuteranomaly

55.5199, 53.2922, 42.4822

Tritanomaly

59.2889, 53.2227, 51.4041

Monochromacy



Original Color

57.5764, 53.4265, 42.8751

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6435, 53.9892, 52.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5764, 53.4265, 42.8751 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(235, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 165)  
}
```

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(235, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 165) }
```

Border

The CSS property to change the border of an element to XYZ 57.5764, 53.4265, 42.8751 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(235, 181, 165) }
```


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

```
.border{ border-color:rgb(235, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(235, 181,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5764, 53.4265, 42.8751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 165) }
```

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

```
.background{ background-color: rgb(235,  
181, 165) }
```

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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