

Converting Colors

XYZ(65.5037, 60.0392, 41.8545)

Have a look what the booklet for
XYZ(65.5037, 60.0392, 41.8545)
contains.

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Color

**XYZ(65.5037, 60.0392,
41.8545)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBDA1
RGB	254, 189, 161
RGB Percent	100%, 74%, 63%
CMY	0.0039, 0.2588, 0.3686
CMYK	0.00, 0.26, 0.37, 0.00
HSL	18°, 98%, 81%
HSV	18°, 37%, 100%
XYZ	65.5037, 60.0392, 41.8545
YIQ	205.2430, 47.7280, 5.0720

Conversions

Conversions Part 2

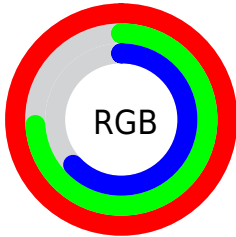
Format	Color
R_{YB}	254, 201, 161
Decimal	16694689
CIE _{Lab}	81.86, 19.84, 23.30
CIE _{LCh}	82, 30.607, 49.586
Yxy	60.0392, 0.3913, 0.3587
Android (android.graphics.Color)	4294884769 (0xFFFEFDA1)
YUV	205.2430, -21.8118, 42.7599
Hunter-Lab	77.4850, 15.3004, 22.2132

Details

The XYZ color **65.5037, 60.0392, 41.8545** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.7828, 69.1232, 103.9573**, and the grayscale version is **58.2976, 61.3336, 66.7923**.

A 20% lighter version of the original color is **86.2871, 91.5227, 78.0836**, and **34.1892, 30.1678, 18.4890** is the 20% darker color. If you saturate the color by 10%, you get **59.8999, 52.0594, 30.0357**, and if you desaturate by 10%, it is **72.0330, 69.1414, 56.2276**.

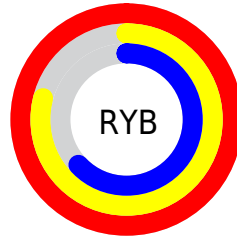
Distribution



Red (100%)

Green (74%)

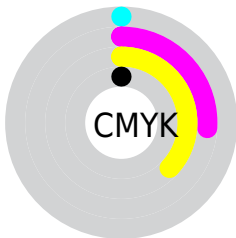
Blue (63%)



Red (100%)

Yellow (79%)

Blue (63%)

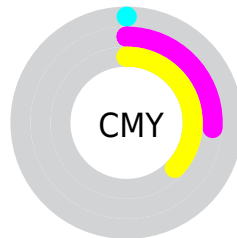


Cyan (0%)

Magenta (26%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5037, 60.0392, 41.8545 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 65.5037, 60.0392, 41.8545 by changing the saturation by 10% instead.


 65.5037, 60.0392,
41.8545


 65.5037, 60.0392,
41.8545


434.1165,
424.7422, 369.6613

 48.1358, 43.4502,
28.6627


 111.8354,
104.8865, 79.2471

 34.1462, 30.2385,
18.5824


 141.5299,
133.9137, 104.2849

 23.1693, 20.0197,
11.1952

176.0641,
167.8557, 134.1085

 14.8400, 12.4094,
6.0824

215.8032,
207.0969, 169.1363

 8.7927, 7.0231,
2.8257

261.1127,
252.0218, 209.7870

 4.6623, 3.4766,
1.0063

312.3578,

 2.0832, 1.3853,

303.0147, 256.4790

0.0000

369.9040,
360.4601, 309.6309

0.6801, 0.2059,
0.0000

0.0000, 0.0000,
0.0000

65.5037, 60.0392,
41.8545

65.5037, 60.0392,
41.8545

59.8999, 52.0594,
30.0357

72.0330, 69.1414,
56.2276

55.1725, 45.1488,
20.6161

79.5244, 79.3996,
73.2905

51.2743, 39.2623,
13.4290

88.0183, 90.8563,
93.1732

48.1516, 34.3480,
8.2844

94.6831, 99.8109,
108.8828

■ 45.7431, 30.3487,
4.9605

■ 43.9753, 27.1998,
3.1793

■ 43.4913, 26.3072,
2.7855

Harmonies

Analogous

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



69.5872, 60.0392, 54.1573



65.5037, 60.0392, 41.8545



59.3406, 60.0392, 36.2538

Triad

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



65.5037, 60.0392, 41.8545



45.6991, 60.0392, 59.1501



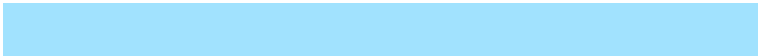
61.3317, 60.0392, 104.9451

Complementary

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



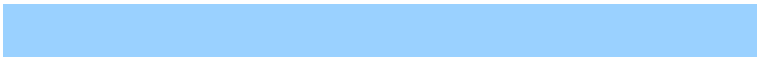
65.5037, 60.0392, 41.8545



59.7828, 69.1232, 103.9573

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.



54.8493, 60.0392, 106.9766



65.5037, 60.0392, 41.8545



46.1438, 60.0392, 78.0380

Square

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



65.5037, 60.0392, 41.8545



48.1204, 60.0392, 44.9142



49.3849, 60.0392, 96.3727



67.0555, 60.0392, 91.2558

Rectangle

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



65.5037, 60.0392, 41.8545



55.0218, 60.0392, 36.1935



49.3849, 60.0392, 96.3727



59.1591, 60.0392, 107.1008

Sweetspot

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



65.5052, 60.0421, 41.8557



84.9203, 86.4474, 84.8471



67.3595, 52.0577, 78.5218



17.9279, 18.1680, 17.5792



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.



65.5052, 60.0421, 41.8557



61.8235, 54.5185, 33.1719



77.1294, 83.2904, 45.7304



18.4553, 18.8787, 18.8156



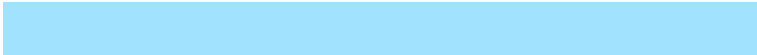
23.0413, 14.0939, 1.5060



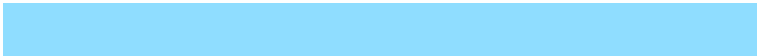
2.3344, 1.5541, 0.1769

Inverse Universe

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



59.7828, 69.1232, 103.9573



55.2558, 64.8673, 104.2161



48.8286, 47.2147, 100.3059



18.0660, 19.5037, 23.0624



17.9095, 20.7286, 52.4917



1.8397, 2.2102, 5.1429

Previews

White Background



This preview shows how the XYZ color 65.5037, 60.0392, 41.8545 looks on a white background.

Color Contrast Check

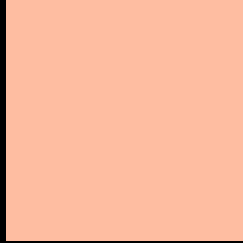
Large Text (above 18pt) WCAG AA × Fail

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 65.5037, 60.0392, 41.8545 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 65.5037, 60.0392, 41.8545

Background



This preview shows how black text looks on a background with the XYZ color 65.5037, 60.0392, 41.8545.



This preview shows how white text looks on a background with the XYZ color 65.5037, 60.0392,

41.8545.

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

65.5037, 60.0392, 41.8545

Protanopia

56.7427, 60.1380, 45.6629

Deuteranopia

61.3450, 60.1951, 41.6433



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

65.5037, 60.0392, 41.8545

Protanomaly

59.6187, 59.9278, 44.0223

Deuteranomaly

62.7234, 59.9111, 41.5158

Tritanomaly

67.5559, 59.8806, 53.8965

Monochromacy



Original Color

65.5037, 60.0392, 41.8545

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.0402, 60.2089, 56.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5037, 60.0392, 41.8545 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(254, 189, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 161)  
}
```

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(254, 189, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 161) }
```

Border

The CSS property to change the border of an element to XYZ 65.5037, 60.0392, 41.8545 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(254, 189, 161) }
```


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

```
.border{ border-color:rgb(254, 189, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5037, 60.0392, 41.8545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 161) }
```

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

```
.background{ background-color: rgb(254,  
189, 161) }
```

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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