

Converting Colors

XYZ(65.8051, 60.1468, 41.6978)

Have a look what the booklet for
XYZ(65.8051, 60.1468, 41.6978)
contains.

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Color

**XYZ(65.8706, 60.2284,
41.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA1
RGB	255, 189, 161
RGB Percent	100%, 74%, 63%
CMY	0.0000, 0.2588, 0.3686
CMYK	0.00, 0.26, 0.37, 0.00
HSL	18°, 100%, 82%
HSV	18°, 37%, 100%
XYZ	65.8706, 60.2284, 41.8717
YIQ	205.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

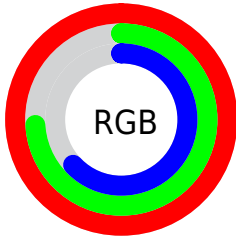
Format	Color
R _Y B	255, 201, 161
Decimal	16760225
CIE Lab	81.96, 20.22, 23.46
CIE LCh	82, 30.974, 49.238
Yxy	60.2284, 0.3922, 0.3586
Android (android.graphics.Color)	4294950305 (0xFFFFBDA1)
YUV	205.5420, -21.9592, 43.3747
Hunter-Lab	77.6070, 15.6936, 22.3358

Details

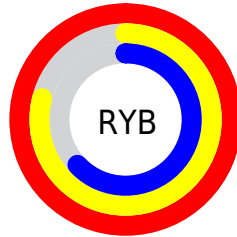
The XYZ color **65.8706, 60.2284, 41.8717** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.2160, 69.7326, 104.8937**, and the grayscale version is **58.4890, 61.5350, 67.0116**.

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 **60.2311, 52.1885, 30.0061**, and if you desaturate by 10%, it is **72.4472, 69.4083, 56.3132**.

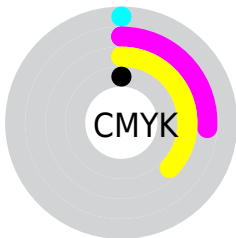
Distribution



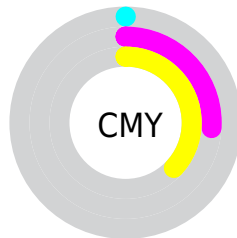
- Red (100%)
- Green (74%)
- Blue (63%)



- 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 65.8706, 60.2284, 41.8717 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 65.8706, 60.2284, 41.8717 by changing the saturation by 10% instead.


 65.8706, 60.2284,
41.8717


 65.8706, 60.2284,
41.8717


435.4099,
425.4391, 369.7348

 48.4347, 43.6028,
28.6760


 112.3593,
105.1609, 79.2734

 34.3839, 30.3583,
18.5924


 142.1429,
134.2366, 104.3165

 23.3530, 20.1107,
11.2023


176.7730,
168.2311, 134.1458

 14.9765, 12.4756,
6.0872

216.6151,
207.5287, 169.1799

 8.8891, 7.0684,
2.8285

262.0345,
252.5139, 209.8373

 4.7254, 3.5049,
1.0078

313.3965,

 2.1202, 1.4007,

303.5712, 256.5366

0.0000

371.0665,
361.0848, 309.6962

■ 0.7001, 0.2172,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8706, 60.2284,
41.8717

■ 65.8706, 60.2284,
41.8717

■ 60.2311, 52.1885,
30.0061

■ 72.4472, 69.4083,
56.3132

■ 55.4787, 45.2341,
20.5593

■ 79.9983, 79.7624,
73.4677

■ 51.5656, 39.3193,
13.3625

■ 88.5648, 91.3344,
93.4669

■ 48.4369, 34.3907,
8.2231

95.0500, 100.0000,
108.9000

■ 46.0302, 30.3900,
4.9157

■ 44.2703, 27.2505,
3.1563

■ 43.8225, 26.4251,
2.7908

Harmonies

Analogous

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



69.9820, 60.2284, 54.3947



65.8706, 60.2284, 41.8717



59.6299, 60.2284, 36.1368

Triad

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



65.8706, 60.2284, 41.8717



45.7398, 60.2284, 59.0698



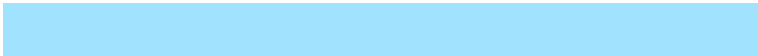
61.4972, 60.2284, 105.8803

Complementary

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



65.8706, 60.2284, 41.8717



60.2160, 69.7326, 104.8937

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.



54.9251, 60.2284, 107.7912



65.8706, 60.2284, 41.8717



46.1560, 60.2284, 78.1989

Square

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



65.8706, 60.2284, 41.8717



48.2239, 60.2284, 44.7303



49.4078, 60.2284, 96.8767



67.3270, 60.2284, 92.0676

Rectangle

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



65.8706, 60.2284, 41.8717



55.2466, 60.2284, 36.0250



49.4078, 60.2284, 96.8767



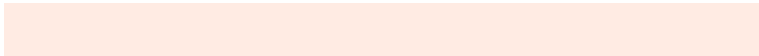
59.2916, 60.2284, 108.0233

Sweetspot

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



65.8721, 60.2313, 41.8729



84.8945, 86.3959, 84.8385



68.0397, 52.3721, 80.1890



17.9218, 18.1558, 17.5771



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.



65.8721, 60.2313, 41.8729



61.7528, 54.3772, 33.1484



77.2767, 83.0403, 45.6744



18.4504, 18.8690, 18.8140



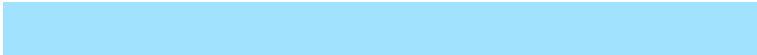
23.0109, 14.0330, 1.4958



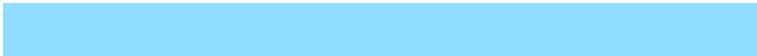
2.3309, 1.5471, 0.1758

Inverse Universe

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



60.2160, 69.7326, 104.8937



55.3509, 65.0574, 104.2478



49.3470, 47.9948, 101.2707



18.0711, 19.5139, 23.0640



17.9941, 20.8977, 52.5199



1.8475, 2.2256, 5.1455

Previews

White Background



This preview shows how the XYZ color 65.8706, 60.2284, 41.8717 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 65.8706, 60.2284, 41.8717 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 65.8706, 60.2284, 41.8717

Background



This preview shows how black text looks on a background with the XYZ color 65.8706, 60.2284, 41.8717.



This preview shows how white text looks on a background with the XYZ color 65.8706, 60.2284,

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

65.8706, 60.2284, 41.8717

Protanopia

56.9797, 60.6118, 45.7419

Deuteranopia

61.6817, 60.3686, 41.6590



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

65.8706, 60.2284, 41.8717

Protanomaly

59.8481, 60.3865, 44.0987

Deuteranomaly

63.0713, 60.0905, 41.5321

Tritanomaly

67.5559, 59.8806, 53.8965

Monochromacy



Original Color

65.8706, 60.2284, 41.8717

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.6890, 60.8736, 57.2663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8706, 60.2284, 41.8717 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, 189, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 189, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 161) }
```

Border

The CSS property to change the border of an element to XYZ 65.8706, 60.2284, 41.8717 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, 189, 161) }
```


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

```
.border{ border-color:rgb(255, 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(255, 189, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8706, 60.2284, 41.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 161) }
```

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

```
.background{ background-color: rgb(255,  
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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