

Converting Colors

XYZ(65.1079, 60.1009, 44.3661)

Have a look what the booklet for
XYZ(65.1079, 60.1009, 44.3661)
contains.

XYZ(65.0801, 60.0893, 44.2447)	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(65.0801, 60.0893,
44.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBEA6
RGB	251, 190, 166
RGB Percent	98%, 75%, 65%
CMY	0.0157, 0.2549, 0.3490
CMYK	0.00, 0.24, 0.34, 0.02
HSL	17°, 91%, 82%
HSV	17°, 34%, 98%
XYZ	65.0801, 60.0893, 44.2447
YIQ	205.5030, 44.0600, 5.4680

Conversions

Conversions Part 2

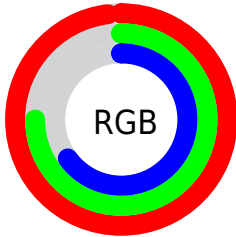
Format	Color
R _Y B	251, 199, 166
Decimal	16498342
CIE Lab	81.89, 18.77, 20.63
CIE LCh	82, 27.894, 47.705
Yxy	60.0893, 0.3841, 0.3547
Android (android.graphics.Color)	4294688422 (0xFFFBBEA6)
YUV	205.5030, -19.4750, 39.9009
Hunter-Lab	77.5173, 14.2055, 20.4210

Details

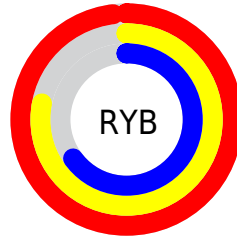
The XYZ color **65.0801, 60.0893, 44.2447** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.6067, 70.0080, 101.5856**, and the grayscale version is **58.4507, 61.4947, 66.9677**.

A 20% lighter version of the original color is **87.2469, 92.3920, 81.6416**, and **33.8337, 30.1607, 19.9579** is the 20% darker color. If you saturate the color by 10%, you get **59.3357, 51.9325, 32.0575**, and if you desaturate by 10%, it is **71.7591, 69.3957, 58.9615**.

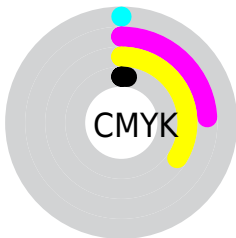
Distribution



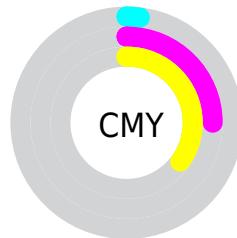
- Red (98%)
- Green (75%)
- Blue (65%)



- Red (98%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0801, 60.0893, 44.2447 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 65.0801, 60.0893, 44.2447 by changing the saturation by 10% instead.


 65.0801, 60.0893,
44.2447


 65.0801, 60.0893,
44.2447

432.6204,
424.9269, 379.7764

 47.7910, 43.4906,
30.5243


 111.2301,
104.9592, 82.8922

 33.8719, 30.2702,
19.9815


 140.8216,
133.9992, 108.6565

 22.9577, 20.0438,
12.1976


175.2447,
167.9551, 139.2724

 14.6828, 12.4269,
6.7543

214.8647,
207.2113, 175.1586

 8.6819, 7.0351,
3.2328

260.0469,
252.1522, 216.7335

 4.5897, 3.4841,
1.2147

311.1567,

 2.0409, 1.3894,

303.1621, 264.4158

0.0000

368.5594,
360.6256, 318.6239

0.6568, 0.2089,
0.0000

0.0000, 0.0000,
0.0000

65.0801, 60.0893,
44.2447

65.0801, 60.0893,
44.2447

59.3357, 51.9325,
32.0575

71.7591, 69.3957,
58.9615

54.4775, 44.8713,
22.2523

79.4088, 79.8862,
76.3368

50.4594, 38.8599,
14.6713

88.0690, 91.6040,
96.4951

47.2292, 33.8455,
9.1364

93.5938, 99.2493,
108.8318

■ 44.7276, 29.7705,
5.4414

■ 42.8855, 26.5701,
3.3353

■ 42.0297, 25.0012,
2.6105

Harmonies

Analogous

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



68.5980, 60.0893, 56.0487



65.0801, 60.0893, 44.2447



59.5593, 60.0893, 38.5730

Triad

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



65.0801, 60.0893, 44.2447



46.7449, 60.0893, 58.7591



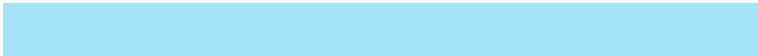
60.6277, 60.0893, 101.4531

Complementary

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



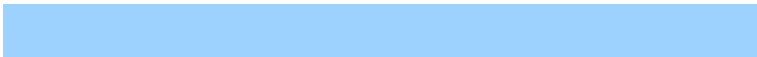
65.0801, 60.0893, 44.2447



60.6067, 70.0080, 101.5856

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.



54.7347, 60.0893, 102.5185



65.0801, 60.0893, 44.2447



46.9874, 60.0893, 75.7972

Square

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



65.0801, 60.0893, 44.2447



49.1373, 60.0893, 45.9339



49.8243, 60.0893, 92.4768



65.9084, 60.0893, 89.7765

Rectangle

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



65.0801, 60.0893, 44.2447



55.6078, 60.0893, 38.2567



49.8243, 60.0893, 92.4768



58.6453, 60.0893, 103.1284

Sweetspot

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



65.0817, 60.0921, 44.2459



85.6506, 87.3408, 86.8395



67.4703, 53.4023, 80.3937



18.0684, 18.3360, 17.9746



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.



65.0817, 60.0921, 44.2459



63.0978, 56.1094, 36.5491



75.2896, 80.5080, 47.6486



17.6437, 18.0233, 18.0113



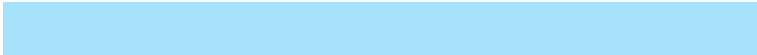
22.1983, 13.3533, 1.4075



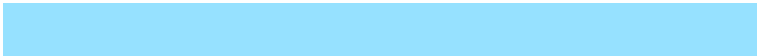
2.1417, 1.4082, 0.1589

Inverse Universe

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



60.6067, 70.0080, 101.5856



57.7641, 67.8538, 104.6603



50.6629, 50.1204, 98.2710



17.3273, 18.7314, 22.0876



17.8739, 21.1033, 51.1049



1.7453, 2.1342, 4.7631

Previews

White Background



This preview shows how the XYZ color 65.0801, 60.0893, 44.2447 looks on a white background.

Color Contrast Check

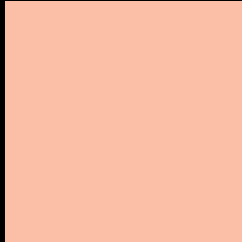
Large Text (above 18pt) WCAG AA × Fail

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 65.0801, 60.0893, 44.2447 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 65.0801, 60.0893, 44.2447

Background



This preview shows how black text looks on a background with the XYZ color 65.0801, 60.0893, 44.2447.



This preview shows how white text looks on a background with the XYZ color 65.0801, 60.0893,

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

65.0801, 60.0893, 44.2447

Protanopia

56.9231, 60.1761, 48.1501

Deuteranopia

61.4565, 60.2010, 43.9782



Tritanopia

68.5308, 59.8923, 61.9812

Trichromacy



Original Color

65.0801, 60.0893, 44.2447

Protanomaly

59.4447, 59.7844, 46.4367

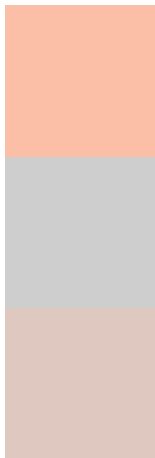
Deuteranomaly

62.7013, 60.1774, 43.9080

Tritanomaly

67.2480, 60.0112, 55.0527

Monochromacy



Original Color

65.0801, 60.0893, 44.2447

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.1824, 60.5997, 57.8152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0801, 60.0893, 44.2447 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(251, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 166)  
}
```

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(251, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 166) }
```

Border

The CSS property to change the border of an element to XYZ 65.0801, 60.0893, 44.2447 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(251, 190, 166) }
```


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

```
.border{ border-color:rgb(251, 190, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0801, 60.0893, 44.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 166) }
```

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

```
.background{ background-color: rgb(251,  
190, 166) }
```

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