

Converting Colors

XYZ(65.3296, 60.1198, 44.1178)

Have a look what the booklet for
XYZ(65.3296, 60.1198, 44.1178)
contains.

XYZ(65.4413, 60.2755, 44.2616)	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(65.4413, 60.2755,
44.2616)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBEA6
RGB	252, 190, 166
RGB Percent	99%, 75%, 65%
CMY	0.0118, 0.2549, 0.3490
CMYK	0.00, 0.25, 0.34, 0.01
HSL	17°, 93%, 82%
HSV	17°, 34%, 99%
XYZ	65.4413, 60.2755, 44.2616
YIQ	205.8020, 44.6560, 5.6800

Conversions

Conversions Part 2

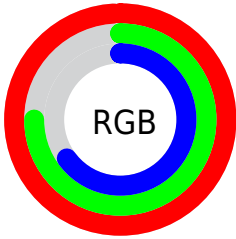
Format	Color
R _Y B	252, 199, 166
Decimal	16563878
CIE Lab	81.99, 19.15, 20.79
CIE LCh	82, 28.264, 47.349
Yxy	60.2755, 0.3850, 0.3546
Android (android.graphics.Color)	4294753958 (0xFFFCBEA6)
YUV	205.8020, -19.6224, 40.5156
Hunter-Lab	77.6373, 14.5943, 20.5444

Details

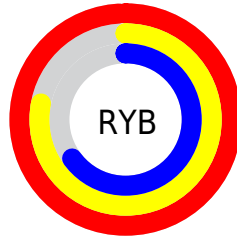
The XYZ color **65.4413, 60.2755, 44.2616** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.0391, 70.6198, 102.5095**, and the grayscale version is **58.6424, 61.6964, 67.1874**.

A 20% lighter version of the original color is **87.2469, 92.3920, 81.6416**, and **34.0896, 30.2926, 19.9699** is the 20% darker color. If you saturate the color by 10%, you get **59.6601, 52.0570, 32.0255**, and if you desaturate by 10%, it is **72.1690, 69.6617, 59.0489**.

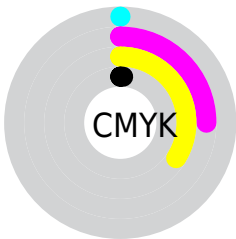
Distribution



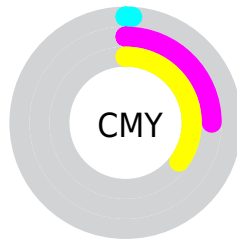
- Red (99%)
- Green (75%)
- Blue (65%)



- Red (99%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (1%)




- Cyan (1%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4413, 60.2755, 44.2616 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 65.4413, 60.2755, 44.2616 by changing the saturation by 10% instead.


 65.4413, 60.2755,
44.2616


 65.4413, 60.2755,
44.2616


433.8963,
425.6125, 379.8473

 48.0850, 43.6407,
30.5375


 111.7463,
105.2292, 82.9179

 34.1058, 30.3882,
19.9914


 141.4257,
134.3169, 108.6872

 23.1381, 20.1334,
12.2048


175.9435,
168.3245, 139.3087

 14.8168, 12.4921,
6.7591

215.6651,
207.6361, 175.2009

 8.7764, 7.0797,
3.2357

260.9558,
252.6364, 216.7823

 4.6516, 3.5120,
1.2162

312.1810,

 2.0769, 1.4045,

303.7096, 264.4714

0.0000

369.7061,
361.2402, 318.6869

0.6766, 0.2201,
0.0000

0.0000, 0.0000,
0.0000

65.4413, 60.2755,
44.2616

65.4413, 60.2755,
44.2616

59.6601, 52.0570,
32.0255

72.1690, 69.6617,
59.0489

54.7761, 44.9510,
22.1911

79.8801, 80.2510,
76.5182

50.7426, 38.9107,
14.5988

88.6148, 92.0876,
96.7952

47.5062, 33.8820,
9.0677

93.9550, 99.4355,
108.8488

■ 45.0066, 29.8058,
5.3886

■ 43.1730, 26.6158,
3.3065

■ 42.3565, 25.1185,
2.6159

Harmonies

Analogous

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



68.9845, 60.2755, 56.2891



65.4413, 60.2755, 44.2616



59.8460, 60.2755, 38.4509

Triad

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



65.4413, 60.2755, 44.2616



46.7845, 60.2755, 58.6769



60.7887, 60.2755, 102.3587

Complementary

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



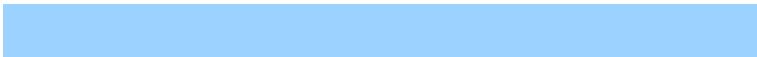
65.4413, 60.2755, 44.2616



61.0391, 70.6198, 102.5095

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.



54.8079, 60.2755, 103.3016



65.4413, 60.2755, 44.2616



46.9981, 60.2755, 75.9505

Square

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



65.4413, 60.2755, 44.2616



49.2402, 60.2755, 45.7465



49.8454, 60.2755, 92.9602



66.1726, 60.2755, 90.5724

Rectangle

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



65.4413, 60.2755, 44.2616



55.8313, 60.2755, 38.0816



49.8454, 60.2755, 92.9602



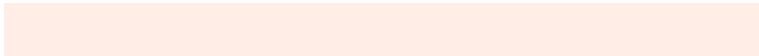
58.7740, 60.2755, 104.0191

Sweetspot

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



65.4429, 60.2784, 44.2628



85.6264, 87.2924, 86.8314



67.9337, 53.6294, 80.9490



18.0626, 18.3244, 17.9726



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.



65.4429, 60.2784, 44.2628



63.0286, 55.9710, 36.5260



75.8661, 81.1247, 47.7372



17.6390, 18.0138, 18.0097



22.1701, 13.2969, 1.3981



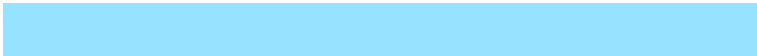
2.1385, 1.4019, 0.1579

Inverse Universe

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



61.0391, 70.6198, 102.5095



57.8573, 68.0401, 104.6914



50.8702, 50.2819, 99.1199



17.3323, 18.7414, 22.0892



17.9609, 21.2774, 51.1339



1.7528, 2.1492, 4.7656

Previews

White Background



This preview shows how the XYZ color 65.4413, 60.2755, 44.2616 looks on a white background.

Color Contrast Check

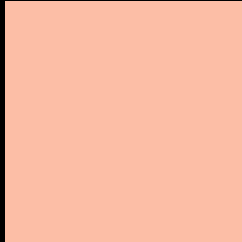
Large Text (above 18pt) WCAG AA × Fail

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 65.4413, 60.2755, 44.2616 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 65.4413, 60.2755, 44.2616

Background



This preview shows how black text looks on a background with the XYZ color 65.4413, 60.2755, 44.2616.



This preview shows how white text looks on a background with the XYZ color 65.4413, 60.2755,

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

65.4413, 60.2755, 44.2616

Protanopia

57.1600, 60.6499, 48.2291

Deuteranopia

61.4565, 60.2010, 43.9782



Tritanopia

68.8978, 60.0814, 61.9984

Trichromacy



Original Color

65.4413, 60.2755, 44.2616

Protanomaly

59.6740, 60.2431, 46.5131

Deuteranomaly

62.7013, 60.1774, 43.9080

Tritanomaly

67.6130, 60.1993, 55.0697

Monochromacy



Original Color

65.4413, 60.2755, 44.2616

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.4897, 60.7581, 57.8296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4413, 60.2755, 44.2616 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(252, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 190, 166) }
```

Border

The CSS property to change the border of an element to XYZ 65.4413, 60.2755, 44.2616 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(252, 190, 166) }
```


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

```
.border{ border-color:rgb(252, 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(252, 190, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(252, 190,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4413, 60.2755, 44.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 190, 166) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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