

Converting Colors

XYZ(66.5500, 60.3387, 53.9346)

Have a look what the booklet for
XYZ(66.5500, 60.3387, 53.9346)
contains.

XYZ(66.3789, 60.2220, 54.0244)	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(66.3789, 60.2220,
54.0244)**

Conversions

Conversions Part 1

Format	Color
Hex	FABDB9
RGB	250, 189, 185
RGB Percent	98%, 74%, 73%
CMY	0.0196, 0.2588, 0.2745
CMYK	0.00, 0.24, 0.26, 0.02
HSL	4°, 87%, 85%
HSV	4°, 26%, 98%
XYZ	66.3789, 60.2220, 54.0244
YIQ	206.7830, 37.6400, 11.6880

Conversions

Conversions Part 2

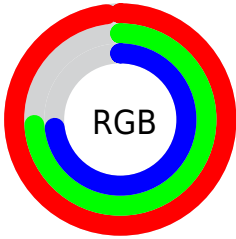
Format	Color
R _Y B	250, 189, 185
Decimal	16432569
CIE Lab	81.96, 21.37, 10.56
CIE LCh	82, 23.840, 26.294
Yxy	60.2220, 0.3675, 0.3334
Android (android.graphics.Color)	4294622649 (0xFF FABDB9)
YUV	206.7830, -10.7390, 37.9013
Hunter-Lab	77.6028, 16.8780, 13.0463

Details

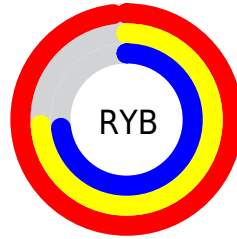
The XYZ color **66.3789, 60.2220, 54.0244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2177, 83.1254, 102.7867**, and the grayscale version is **59.2199, 62.3039, 67.8490**.

A 20% lighter version of the original color is **89.7696, 92.9157, 96.4222**, and **34.5671, 30.2004, 25.8372** is the 20% darker color. If you saturate the color by 10%, you get **59.3237, 49.9701, 39.7768**, and if you desaturate by 10%, it is **74.7176, 72.2975, 70.9905**.

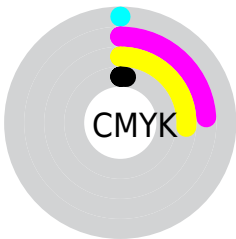
Distribution



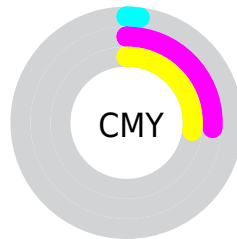
- Red (98%)
- Green (74%)
- Blue (73%)



- Red (98%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3789, 60.2220, 54.0244 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 66.3789, 60.2220, 54.0244 by changing the saturation by 10% instead.


 66.3789, 60.2220,
54.0244

 66.3789, 60.2220,
54.0244


437.1980,
425.4156, 419.3803

 48.8489, 43.5976,
38.2279


 113.0847,
105.1516, 97.5668

 34.7137, 30.3543,
25.8564


142.9912,
134.2257, 126.1498

 23.6079, 20.1077,
16.4914


177.7539,
168.2184, 159.8320

 15.1662, 12.4733,
9.7145

217.7382,
207.5141, 199.0320

 9.0232, 7.0669,
5.1069

263.3094,
252.4973, 244.1682

 4.8135, 3.5040,
2.2503


314.8329,

 2.1719, 1.4002,


303.5524, 295.6594


0.7032


372.6740,
361.0636, 353.9239


 0.7279, 0.2168,
0.0000


 0.0000, 0.0000,
0.0000


 66.3789, 60.2220,
54.0244


 66.3789, 60.2220,
54.0244


 59.3237, 49.9701,
39.7768


 74.7176, 72.2975,
70.9905

 53.4837, 41.4453,
28.1030

 84.3941, 86.2704,
90.8022

 48.7916, 34.5550,
18.8504

 93.2345, 99.0641,
108.8150

 45.1715, 29.1946,
11.8489

■ 42.5386, 25.2474,
6.9063

■ 40.7950, 22.5797,
3.7984

■ 39.8224, 21.0322,
2.2479

■ 39.6010, 20.6772,
1.9039

Harmonies

Analogous

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



67.4697, 60.2220, 67.3827



66.3789, 60.2220, 54.0244



62.7898, 60.2220, 45.0785

Triad

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



66.3789, 60.2220, 54.0244



49.5465, 60.2220, 51.3382



56.6148, 60.2220, 97.3668

Complementary

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



66.3789, 60.2220, 54.0244



70.2177, 83.1254, 102.7867

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.



52.0257, 60.2220, 91.4894



66.3789, 60.2220, 54.0244



48.0989, 60.2220, 63.7931

Square

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



66.3789, 60.2220, 54.0244



53.0509, 60.2220, 43.6949



48.9795, 60.2220, 78.6569



61.6424, 60.2220, 93.7487

Rectangle

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



66.3789, 60.2220, 54.0244



59.5673, 60.2220, 42.1255



48.9795, 60.2220, 78.6569



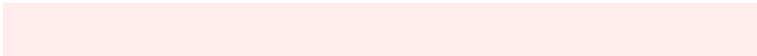
54.9726, 60.2220, 96.4163

Sweetspot

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



66.3805, 60.2248, 54.0256



86.1319, 87.1436, 90.5754



73.5237, 61.7226, 95.8324



18.0992, 18.1665, 18.6969



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.



66.3805, 60.2248, 54.0256



65.5590, 57.3675, 48.6661



73.9723, 75.4083, 56.5562



17.3304, 17.3967, 17.9069



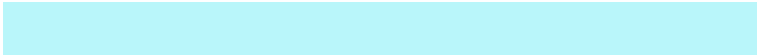
21.0389, 11.0345, 1.0210



1.9777, 1.0803, 0.1043

Inverse Universe

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



70.2177, 83.1254, 102.7867



70.1690, 84.8959, 107.2960



61.3734, 65.4369, 99.8386



17.6689, 19.4146, 22.2014



24.8894, 35.1343, 53.4433



2.3321, 3.3080, 4.9588

Previews

White Background



This preview shows how the XYZ color 66.3789, 60.2220, 54.0244 looks on a white background.

Color Contrast Check

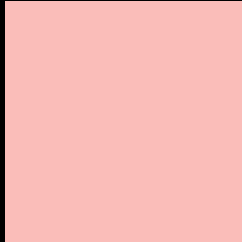
Large Text (above 18pt) WCAG AA × Fail

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 66.3789, 60.2220, 54.0244 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 66.3789, 60.2220, 54.0244

Background



This preview shows how black text looks on a background with the XYZ color 66.3789, 60.2220, 54.0244.



This preview shows how white text looks on a background with the XYZ color 66.3789, 60.2220,

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

66.3789, 60.2220, 54.0244

Protanopia

57.5599, 60.2638, 59.0504

Deuteranopia

61.5730, 60.3821, 53.7571



Tritanopia

68.4578, 60.4531, 63.3188

Trichromacy



Original Color

66.3789, 60.2220, 54.0244

Protanomaly

60.5397, 60.1134, 57.1275

Deuteranomaly

63.2034, 60.2214, 53.6401

Tritanomaly

67.6172, 60.4158, 59.7274

Monochromacy



Original Color

66.3789, 60.2220, 54.0244

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.3945, 61.1200, 62.5943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3789, 60.2220, 54.0244 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(250, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 185)  
}
```

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(250, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 66.3789, 60.2220, 54.0244 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(250, 189, 185) }
```


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

```
.border{ border-color:rgb(250, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3789, 60.2220, 54.0244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 185) }
```

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

```
.background{ background-color: rgb(250,  
189, 185) }
```

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