

Converting Colors

XYZ(66.0032, 58.8563, 53.1405)

Have a look what the booklet for
XYZ(66.0032, 58.8563, 53.1405)
contains.

XYZ(66.1456, 58.8541, 53.2211)	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(66.1456, 58.8541,
53.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB9B8
RGB	252, 185, 184
RGB Percent	99%, 73%, 72%
CMY	0.0118, 0.2745, 0.2784
CMYK	0.00, 0.27, 0.27, 0.01
HSL	1°, 92%, 85%
HSV	1°, 27%, 99%
XYZ	66.1456, 58.8541, 53.2211
YIQ	204.9190, 40.2530, 13.8930

Conversions

Conversions Part 2

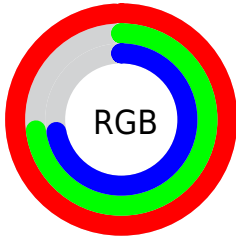
Format	Color
R _Y B	252, 185, 184
Decimal	16562616
CIE Lab	81.21, 24.07, 10.06
CIE LCh	81, 26.092, 22.680
Yxy	58.8541, 0.3711, 0.3302
Android (android.graphics.Color)	4294752696 (0xFFFCB9B8)
YUV	204.9190, -10.3131, 41.2900
Hunter-Lab	76.7164, 19.6506, 12.5698

Details

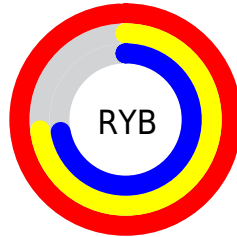
The XYZ color **66.1456, 58.8541, 53.2211** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8339, 86.2102, 104.9500**, and the grayscale version is **58.0238, 61.0456, 66.4786**.

A 20% lighter version of the original color is **88.4235, 90.4619, 95.2385**, and **34.4612, 29.3406, 25.3197** is the 20% darker color. If you saturate the color by 10%, you get **58.9876, 48.3955, 38.9428**, and if you desaturate by 10%, it is **74.6842, 71.3202, 70.2823**.

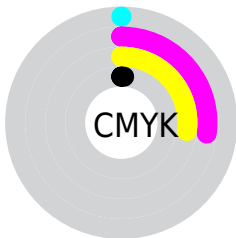
Distribution



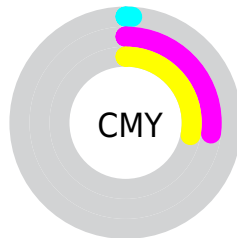
- Red (99%)
- Green (73%)
- Blue (72%)



- Red (99%)
- Yellow (73%)
- Blue (72%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (1%)





- Cyan (1%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1456, 58.8541, 53.2211 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 66.1456, 58.8541, 53.2211 by changing the saturation by 10% instead.


 66.1456, 58.8541,
53.2211

 66.1456, 58.8541,
53.2211


436.3779,
420.3610, 416.2231

 48.6587, 42.4957,
37.5904


 112.7519,
103.1656, 96.3745

 34.5623, 29.4896,
25.3656


142.6020,
131.8874, 124.7342

 23.4908, 19.4515,
16.1281


177.3039,
165.4992, 158.1740

 15.0790, 11.9970,
9.4595

217.2229,
204.3854, 197.1124

 8.9615, 6.7416,
4.9412

262.7245,
248.9302, 241.9680

 4.7730, 3.3010,
2.1547

314.1740,

 2.1481, 1.2908,

299.5182, 293.1593

0.6480

371.9366,
356.5336, 351.1048

■ 0.7152, 0.1341,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1456, 58.8541,
53.2211

■ 66.1456, 58.8541,
53.2211

■ 58.9876, 48.3955,
38.9428

■ 74.6842, 71.3202,
70.2823

■ 53.1334, 39.8318,
27.2966

■ 84.6656, 85.8821,
90.2591

■ 48.5058, 33.0520,
18.1227

■ 93.9550, 99.4355,
108.8488

■ 45.0177, 27.9303,
11.2428

■ 42.5705, 24.3245,
6.4545

■ 41.0489, 22.0684,
3.5204

■ 40.3088, 20.9564,
2.1388

■ 40.1855, 20.7764,
1.8922

Harmonies

Analogous

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



66.9573, 58.8541, 67.9714



66.1456, 58.8541, 53.2211



62.5167, 58.8541, 43.1064

Triad

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



66.1456, 58.8541, 53.2211



48.0333, 58.8541, 47.5964



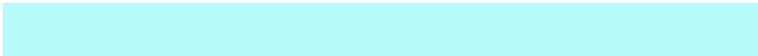
54.6182, 58.8541, 98.5857

Complementary

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



66.1456, 58.8541, 53.2211



71.8339, 86.2102, 104.9500

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.



49.8397, 58.8541, 90.9510



66.1456, 58.8541, 53.2211



46.2012, 58.8541, 60.3441

Square

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



66.1456, 58.8541, 53.2211



52.0056, 58.8541, 40.2448



46.8405, 58.8541, 76.3285



60.0660, 58.8541, 95.8522

Rectangle

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



66.1456, 58.8541, 53.2211



59.1081, 58.8541, 39.5468



46.8405, 58.8541, 76.3285



52.8853, 58.8541, 97.1097

Sweetspot

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



66.1472, 58.8569, 53.2223



85.8578, 86.5953, 90.4840



74.8565, 62.0053, 100.1186



18.0309, 18.0300, 18.6741



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.



66.1472, 58.8569, 53.2223



64.0750, 54.7995, 46.9386



73.8685, 74.2995, 55.7961



17.2652, 17.2662, 17.8851



20.9422, 10.8410, 0.9888



1.9466, 1.0181, 0.0939

Inverse Universe

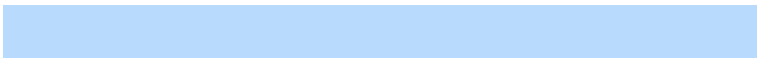
The Inverse Universe completely reimagines the original color for something new.



71.8339, 86.2102, 104.9500



70.7486, 86.9028, 107.6528



62.4098, 67.3621, 101.8086



17.7426, 19.5619, 22.2260



26.6929, 38.7414, 54.0445



2.4791, 3.6018, 5.0077

Previews

White Background



This preview shows how the XYZ color 66.1456, 58.8541, 53.2211 looks on a white background.

Color Contrast Check

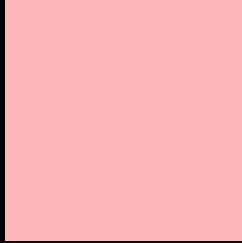
Large Text (above 18pt) WCAG AA × Fail

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 66.1456, 58.8541, 53.2211 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 66.1456, 58.8541, 53.2211

Background



This preview shows how black text looks on a background with the XYZ color 66.1456, 58.8541, 53.2211.

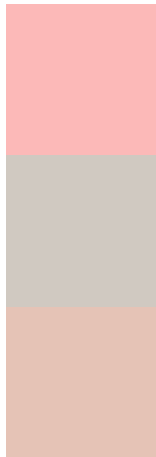


This preview shows how white text looks on a background with the XYZ color 66.1456, 58.8541,

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

66.1456, 58.8541, 53.2211

Protanopia

56.5247, 59.0334, 58.8675

Deuteranopia

60.2717, 59.0656, 52.4801



Tritanopia

67.5195, 58.7808, 60.6105

Trichromacy



Original Color

66.1456, 58.8541, 53.2211

Protanomaly

59.5498, 58.5952, 56.8866

Deuteranomaly

62.1031, 58.6850, 52.8539

Tritanomaly

67.1629, 58.9694, 57.7115

Monochromacy



Original Color

66.1456, 58.8541, 53.2211

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.3963, 59.9490, 61.2114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1456, 58.8541, 53.2211 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, 185, 184)` looks like.

```
.text, #text, p{  
    color:rgb(252, 185, 184)  
}
```

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, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 185, 184) }
```

Border

The CSS property to change the border of an element to XYZ 66.1456, 58.8541, 53.2211 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, 185, 184) }
```


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

```
.border{ border-color:rgb(252, 185, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 185, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 185, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 185, 184);  
box-shadow:4px 4px 4px 4px rgb(252, 185,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1456, 58.8541, 53.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 185, 184) }
```

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

```
.background{ background-color: rgb(252,  
185, 184) }
```

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