

Converting Colors

XYZ(66.5689, 62.1015, 54.5764)

Have a look what the booklet for
XYZ(66.5689, 62.1015, 54.5764)
contains.

XYZ(66.4065, 61.8605, 54.3392)	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(66.4065, 61.8605,
54.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C2B9
RGB	247, 194, 185
RGB Percent	97%, 76%, 73%
CMY	0.0314, 0.2392, 0.2745
CMYK	0.00, 0.21, 0.25, 0.03
HSL	9°, 79%, 85%
HSV	9°, 25%, 97%
XYZ	66.4065, 61.8605, 54.3392
YIQ	208.8210, 34.4770, 8.4370

Conversions

Conversions Part 2

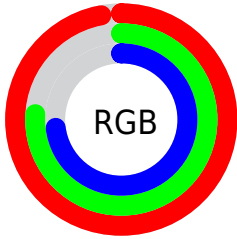
Format	Color
R _Y B	247, 196, 185
Decimal	16237241
CIE Lab	82.84, 17.64, 11.77
CIE LCh	83, 21.207, 33.717
Yxy	61.8605, 0.3637, 0.3388
Android (android.graphics.Color)	4294427321 (0xFFF7C2B9)
YUV	208.8210, -11.7438, 33.4830
Hunter-Lab	78.6514, 13.0700, 14.0934

Details

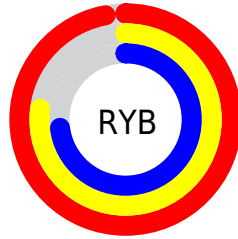
The XYZ color **66.4065, 61.8605, 54.3392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3698, 78.1765, 99.5348**, and the grayscale version is **60.5474, 63.7006, 69.3700**.

A 20% lighter version of the original color is **91.6144, 96.6052, 97.0372**, and **34.7781, 31.3693, 26.0517** is the 20% darker color. If you saturate the color by 10%, you get **59.6526, 52.1692, 40.3217**, and if you desaturate by 10%, it is **74.2843, 73.0739, 70.9674**.

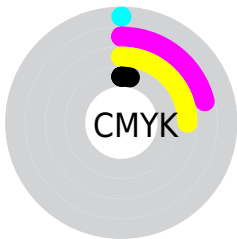
Distribution



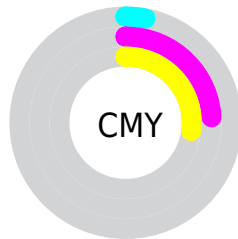
- Red (97%)
- Green (76%)
- Blue (73%)



- Red (97%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4065, 61.8605, 54.3392 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 66.4065, 61.8605, 54.3392 by changing the saturation by 10% instead.


 66.4065, 61.8605,
54.3392

 66.4065, 61.8605,
54.3392


437.2950,
431.4221, 420.6133

 48.8714, 44.9200,
38.4779


 113.1241,
107.5239, 98.0335

 34.7316, 31.3944,
26.0491


143.0372,
137.0156, 126.7036

 23.6217, 20.8994,
16.6343


177.8071,
171.4597, 160.4804

 15.1765, 13.0505,
9.8149

217.7991,
211.2408, 199.7824

 9.0305, 7.4633,
5.1724

263.3785,
256.7432, 245.0281

 4.8183, 3.7535,
2.2883

314.9108,

 2.1747, 1.5366,

308.3513, 296.6362

0.7246

372.7611,
366.4494, 355.0250

■ 0.7294, 0.3143,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4065, 61.8605,
54.3392

■ 66.4065, 61.8605,
54.3392

■ 59.6526, 52.1692,
40.3217

■ 74.2843, 73.0739,
70.9674

■ 53.9663, 43.9259,
28.7785

■ 83.3291, 85.8621,
90.3258

■ 49.2935, 37.0634,
19.5663

■ 92.1679, 98.5142,
108.7651

■ 45.5738, 31.5056,
12.5259

■ 42.7400, 27.1690,
7.4775

■ 40.7156, 23.9603,
4.2128

■ 39.4104, 21.7721,
2.4763

■ 38.9850, 21.0284,
2.0041

Harmonies

Analogous

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



68.0008, 61.8605, 65.7385



66.4065, 61.8605, 54.3392



62.7709, 61.8605, 47.2312

Triad

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



66.4065, 61.8605, 54.3392



51.2701, 61.8605, 56.8230



59.3676, 61.8605, 95.6940

Complementary

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



66.4065, 61.8605, 54.3392



67.3698, 78.1765, 99.5348

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.



54.9936, 61.8605, 92.5113



66.4065, 61.8605, 54.3392



50.4627, 61.8605, 68.9989

Square

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



66.4065, 61.8605, 54.3392



54.0561, 61.8605, 48.5296



51.7914, 61.8605, 82.3004



63.8063, 61.8605, 90.5117

Rectangle

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



66.4065, 61.8605, 54.3392



59.7627, 61.8605, 45.3248



51.7914, 61.8605, 82.3004



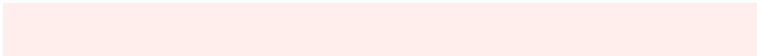
57.8408, 61.8605, 95.5700

Sweetspot

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



66.4082, 61.8634, 54.3405



86.6251, 88.1299, 90.7397



71.2479, 60.6890, 89.4143



18.2222, 18.4126, 18.7379



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.



66.4082, 61.8634, 54.3405



67.6555, 61.1530, 50.6211



73.8426, 76.7323, 56.8186



16.6933, 16.8707, 17.1741



20.6789, 11.2434, 1.0803



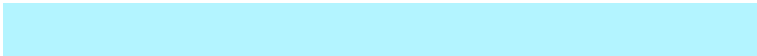
1.8754, 1.1041, 0.1143

Inverse Universe

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



67.3698, 78.1765, 99.5348



68.8424, 81.3790, 106.6871



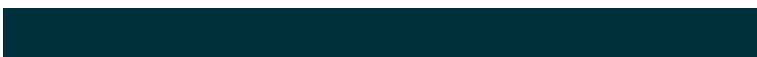
59.2877, 62.0122, 96.8408



16.7796, 18.3235, 21.1950



21.2966, 28.3870, 50.8948



1.9266, 2.6046, 4.4914

Previews

White Background



This preview shows how the XYZ color 66.4065, 61.8605, 54.3392 looks on a white background.

Color Contrast Check

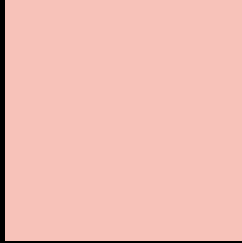
Large Text (above 18pt) WCAG AA × Fail

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 66.4065, 61.8605, 54.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

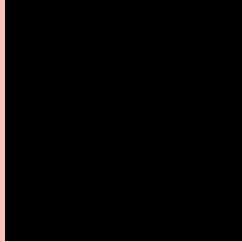
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4065, 61.8605, 54.3392

Background



This preview shows how black text looks on a background with the XYZ color 66.4065, 61.8605, 54.3392.

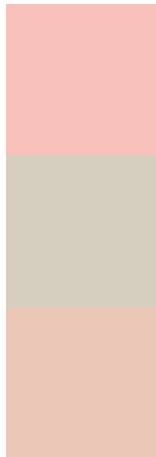


This preview shows how white text looks on a background with the XYZ color 66.4065, 61.8605,

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

66.4065, 61.8605, 54.3392

Protanopia

59.2068, 62.2003, 58.1755

Deuteranopia

63.3361, 61.9697, 53.9706



Tritanopia

68.8383, 61.8576, 66.7041

Trichromacy



Original Color

66.4065, 61.8605, 54.3392

Protanomaly

61.6699, 62.0839, 56.8772

Deuteranomaly

64.2146, 61.7439, 53.8807

Tritanomaly

67.7541, 61.7329, 61.7707

Monochromacy



Original Color

66.4065, 61.8605, 54.3392

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.4496, 63.0438, 63.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4065, 61.8605, 54.3392 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(247, 194, 185)` looks like.

```
.text, #text, p{  
    color:rgb(247, 194, 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(247, 194, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 194, 185) }
```

Border

The CSS property to change the border of an element to XYZ 66.4065, 61.8605, 54.3392 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(247, 194, 185) }
```


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

```
.border{ border-color:rgb(247, 194, 185) }
```

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

Here you see how a box with a 4 pixel rgb(247, 194, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 194, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 194, 185);  
box-shadow:4px 4px 4px 4px rgb(247, 194,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4065, 61.8605, 54.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 194, 185) }
```

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

```
.background{ background-color: rgb(247,  
194, 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](#).

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