

Converting Colors

XYZ(70.7395, 61.6700, 54.1875)

Have a look what the booklet for
XYZ(70.7395, 61.6700, 54.1875)
contains.

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Color

**XYZ(67.5559, 59.8806,
53.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAB9
RGB	255, 186, 185
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2706, 0.2745
CMYK	0.00, 0.27, 0.27, 0.00
HSL	1°, 100%, 86%
HSV	1°, 27%, 100%
XYZ	67.5559, 59.8806, 53.8965
YIQ	206.5170, 41.4450, 14.3170

Conversions

Conversions Part 2

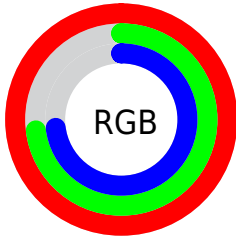
Format	Color
R _Y B	255, 186, 185
Decimal	16759481
CIE Lab	81.77, 24.78, 10.37
CIE LCh	82, 26.860, 22.701
Yxy	59.8806, 0.3726, 0.3302
Android (android.graphics.Color)	4294949561 (0xFFFFBAB9)
YUV	206.5170, -10.6079, 42.5196
Hunter-Lab	77.3826, 20.4132, 12.8726

Details

The XYZ color **67.5559, 59.8806, 53.8965** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4982, 88.4150, 107.7998**, and the grayscale version is **59.0462, 62.1212, 67.6500**.

A 20% lighter version of the original color is **88.8693, 91.1151, 96.1222**, and **35.4421, 30.0388, 25.7599** is the 20% darker color. If you saturate the color by 10%, you get **60.2642, 49.2258, 39.3547**, and if you desaturate by 10%, it is **76.2646, 72.5964, 71.2937**.

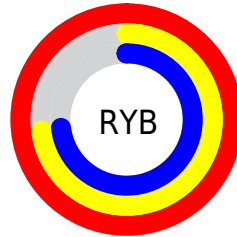
Distribution



Red (100%)

Green (73%)

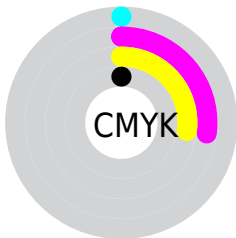
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

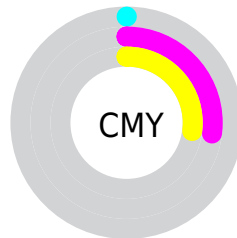


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5559, 59.8806, 53.8965 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 67.5559, 59.8806, 53.8965 by changing the saturation by 10% instead.


 67.5559, 59.8806,
53.8965

 67.5559, 59.8806,
53.8965

441.3224,
424.1575, 418.8787

 49.8089, 43.3224,
38.1263


 114.7620,
104.6564, 97.3771

 35.4787, 30.1382,
25.7781


144.9518,
133.6429, 125.9247

 24.2001, 19.9435,
16.4335


180.0199,
167.5408, 159.5684

 15.6077, 12.3540,
9.6737

220.3317,
206.7347, 198.7268

 9.3360, 6.9852,
5.0804

266.2524,
251.6090, 243.8185

 5.0199, 3.4529,
2.2350

318.1476,

 2.2938, 1.3725,

302.5479, 295.2620

0.6944

376.3824,
359.9360, 353.4759

■ 0.7915, 0.1963,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5559, 59.8806,
53.8965

■ 67.5559, 59.8806,
53.8965

■ 60.2642, 49.2258,
39.3547

■ 76.2646, 72.5964,
71.2937

■ 54.3106, 40.5160,
27.5127

■ 86.4550, 87.4651,
91.6837

■ 49.6149, 33.6362,
18.2051

95.0500, 100.0000,
108.9000

■ 46.0871, 28.4559,
11.2474

■ 43.6247, 24.8276,
6.4297

■ 42.1077, 22.5783,
3.5053

■ 41.3849, 21.4928,
2.1540

■ 41.2797, 21.3395,
1.9432

Harmonies

Analogous

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



68.4057, 59.8806, 69.2401



67.5559, 59.8806, 53.8965



63.7671, 59.8806, 43.4172

Triad

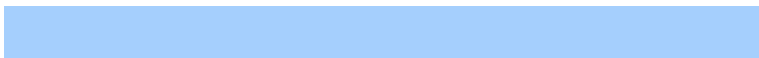
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5559, 59.8806, 53.8965



48.6894, 59.8806, 48.0786



55.5433, 59.8806, 101.2567

Complementary

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



67.5559, 59.8806, 53.8965



73.4982, 88.4150, 107.7998

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.



50.5717, 59.8806, 93.2673



67.5559, 59.8806, 53.8965



46.7885, 59.8806, 61.3198

Square

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



67.5559, 59.8806, 53.8965



52.8174, 59.8806, 40.4672



47.4541, 59.8806, 77.9823



61.2186, 59.8806, 98.3851

Rectangle

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



67.5559, 59.8806, 53.8965



60.2124, 59.8806, 39.7406



47.4541, 59.8806, 77.9823



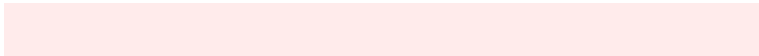
53.7397, 59.8806, 99.7127

Sweetspot

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



67.5573, 59.8833, 53.8977



85.8553, 86.5904, 90.4832



76.6393, 63.1785, 102.7631



18.0303, 18.0288, 18.6739



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.



67.5573, 59.8833, 53.8977



63.3400, 53.7217, 45.4841



75.5905, 75.9496, 56.5754



18.0303, 18.0288, 18.6739



21.5786, 11.1684, 1.0184



2.1081, 1.1015, 0.1015

Inverse Universe

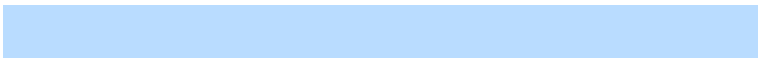
The Inverse Universe completely reimagines the original color for something new.



73.4982, 88.4150, 107.7998



70.1877, 86.6127, 107.6264



63.6513, 68.7212, 104.5175



18.5312, 20.4340, 23.2174



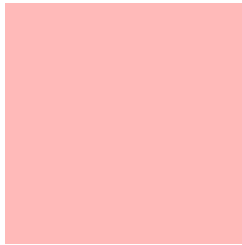
27.5227, 39.9549, 55.6961



2.6867, 3.9041, 5.4252

Previews

White Background



This preview shows how the XYZ color 67.5559, 59.8806, 53.8965 looks on a white background.

Color Contrast Check

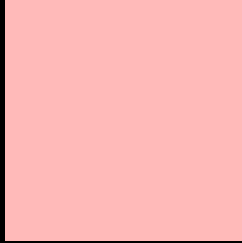
Large Text (above 18pt) WCAG AA × Fail

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 67.5559, 59.8806, 53.8965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

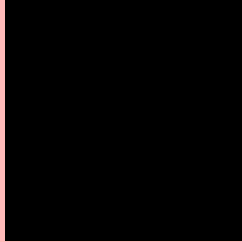
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5559, 59.8806, 53.8965

Background



This preview shows how black text looks on a background with the XYZ color 67.5559, 59.8806, 53.8965.



This preview shows how white text looks on a background with the XYZ color 67.5559, 59.8806,

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

67.5559, 59.8806, 53.8965

Protanopia

57.6719, 60.3086, 59.6400

Deuteranopia

61.2422, 59.8877, 53.1314



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

67.5559, 59.8806, 53.8965

Protanomaly

60.7343, 59.8628, 57.6439

Deuteranomaly

63.4365, 59.6852, 53.5243

Tritanomaly

68.2146, 59.8082, 58.4009

Monochromacy



Original Color

67.5559, 59.8806, 53.8965

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.4727, 60.8177, 62.5319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5559, 59.8806, 53.8965 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(255, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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(255, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 67.5559, 59.8806, 53.8965 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(255, 186, 185) }
```


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

```
.border{ border-color:rgb(255, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5559, 59.8806, 53.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 185) }
```

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

```
.background{ background-color: rgb(255,  
186, 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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