

Converting Colors

XYZ(118.8265, 89.9838,
58.2043)

Have a look what the booklet for
XYZ(118.8265, 89.9838, 58.2043)
contains.

XYZ(70.1759, 64.7804, 55.8189)	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(70.1759, 64.7804,
55.8189)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5BB
RGB	255, 197, 187
RGB Percent	100%, 77%, 73%
CMY	0.0000, 0.2274, 0.2667
CMYK	0.00, 0.23, 0.27, 0.00
HSL	9°, 100%, 87%
HSV	9°, 27%, 100%
XYZ	70.1759, 64.7804, 55.8189
YIQ	213.2020, 37.7780, 9.1860

Conversions

Conversions Part 2

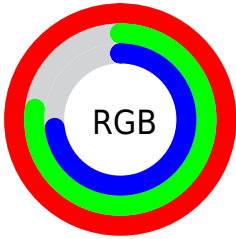
Format	Color
R _Y B	255, 199, 187
Decimal	16762299
CIE Lab	84.37, 19.28, 12.98
CIE LCh	84, 23.245, 33.960
Yxy	64.7804, 0.3678, 0.3396
Android (android.graphics.Color)	4294952379 (0xFFFFC5BB)
YUV	213.2020, -12.9176, 36.6568
Hunter-Lab	80.4863, 14.7830, 15.2215

Details

The XYZ color **70.1759, 64.7804, 55.8189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1948, 83.0868, 106.8927**, and the grayscale version is **63.4485, 66.7527, 72.6937**.

A 20% lighter version of the original color is **92.8595, 98.6147, 98.9343**, and **37.1515, 33.2365, 27.0114** is the 20% darker color. If you saturate the color by 10%, you get **63.0977, 54.6116, 41.1660**, and if you desaturate by 10%, it is **78.4546, 76.5738, 73.2648**.

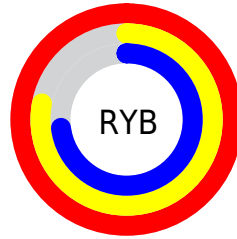
Distribution



Red (100%)

Green (77%)

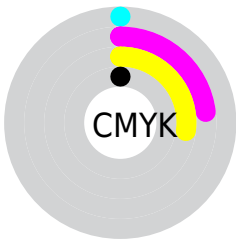
Blue (73%)



Red (100%)

Yellow (78%)

Blue (73%)

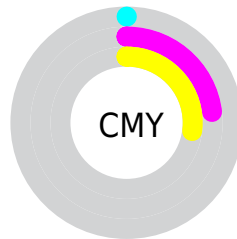


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1759, 64.7804, 55.8189 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 70.1759, 64.7804, 55.8189 by changing the saturation by 10% instead.


 70.1759, 64.7804,
55.8189

 70.1759, 64.7804,
55.8189

450.4242,
442.0024, 426.3778

 51.9501, 47.2830,
39.6547


 118.4845,
111.7341, 100.2229

 37.1894, 33.2595,
26.9577


149.2979,
141.9592, 129.2998

 25.5285, 22.3253,
17.3093


185.0379,
177.1957, 163.5180

 16.6021, 14.0961,
10.2910

226.0699,
217.8279, 203.2961

 10.0447, 8.1875,
5.4842

272.7591,
264.2403, 249.0525

 5.4911, 4.2152,
2.4704

325.4710,

 2.5759, 1.7946,

316.8173, 301.2060

0.8244

384.5709,
375.9432, 360.1749

■ 0.9337, 0.4838,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.1759, 64.7804,
55.8189

■ 70.1759, 64.7804,
55.8189

■ 63.0977, 54.6116,
41.1660

■ 78.4546, 76.5738,
73.2648

■ 57.1590, 45.9875,
29.1570

■ 87.9811, 90.0496,
93.6343

■ 52.3009, 38.8349,
19.6347

95.0500, 100.0000,
108.9000

■ 48.4572, 33.0708,
12.4240

■ 45.5541, 28.6042,
7.3264

■ 43.5074, 25.3327,
4.1101

■ 42.2162, 23.1379,
2.4851

■ 41.9178, 22.6157,
2.1559

Harmonies

Analogous

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



72.0129, 64.7804, 68.5903



70.1759, 64.7804, 55.8189



66.0324, 64.7804, 47.9550

Triad

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



70.1759, 64.7804, 55.8189



53.0783, 64.7804, 58.7782



62.2597, 64.7804, 102.8597

Complementary

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



70.1759, 64.7804, 55.8189



71.1948, 83.0868, 106.8927

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.



57.3168, 64.7804, 99.2788



70.1759, 64.7804, 55.8189



52.1921, 64.7804, 72.5158

Square

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



70.1759, 64.7804, 55.8189



56.1926, 64.7804, 49.4887



53.7014, 64.7804, 87.6335



67.2838, 64.7804, 96.8341

Rectangle

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



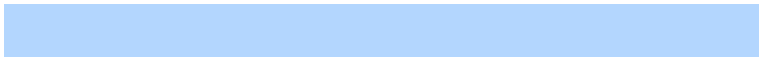
70.1759, 64.7804, 55.8189



62.6221, 64.7804, 45.8768



53.7014, 64.7804, 87.6335



60.5334, 64.7804, 102.7441

Sweetspot

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



70.1775, 64.7833, 55.8202



86.6363, 88.1524, 90.7435



75.6350, 63.4510, 95.3962



18.2250, 18.4182, 18.7388



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.



70.1775, 64.7833, 55.8202



66.2557, 59.1608, 47.6655



78.5253, 81.4790, 58.6028



18.2250, 18.4182, 18.7388



21.9674, 11.9460, 1.1480



2.1999, 1.2852, 0.1321

Inverse Universe

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



71.1948, 83.0868, 106.8927



67.4209, 80.2474, 106.5436



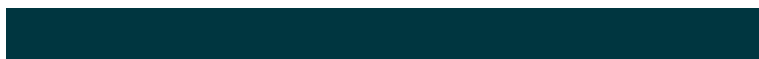
62.0709, 64.8391, 103.8514



18.3137, 19.9990, 23.1449



22.5483, 30.0062, 54.0379



2.2548, 3.0402, 5.2813

Previews

White Background



This preview shows how the XYZ color 70.1759, 64.7804, 55.8189 looks on a white background.

Color Contrast Check

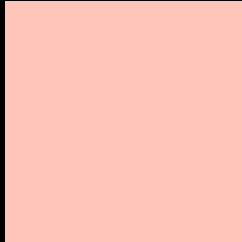
Large Text (above 18pt) WCAG AA × Fail

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 70.1759, 64.7804, 55.8189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

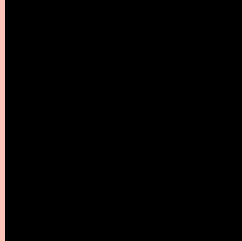
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1759, 64.7804, 55.8189

Background



This preview shows how black text looks on a background with the XYZ color 70.1759, 64.7804, 55.8189.



This preview shows how white text looks on a background with the XYZ color 70.1759, 64.7804,

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

70.1759, 64.7804, 55.8189

Protanopia

61.9976, 65.0483, 60.3269

Deuteranopia

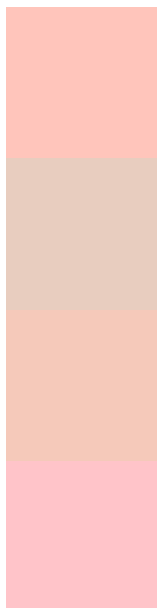
66.1540, 64.7823, 55.4719



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

70.1759, 64.7804, 55.8189

Protanomaly

64.5140, 64.5800, 58.3552

Deuteranomaly

67.4058, 64.7309, 55.3960

Tritanomaly

71.5225, 64.9569, 64.0266

Monochromacy



Original Color

70.1759, 64.7804, 55.8189

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2068, 65.4793, 66.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1759, 64.7804, 55.8189 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, 197, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 187)  
}
```

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, 197, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 187) }
```

Border

The CSS property to change the border of an element to XYZ 70.1759, 64.7804, 55.8189 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, 197, 187) }
```


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

```
.border{ border-color:rgb(255, 197, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1759, 64.7804, 55.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 187) }
```

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

```
.background{ background-color: rgb(255,  
197, 187) }
```

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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