

Converting Colors

XYZ(71.7889, 65.9866, 62.5833)

Have a look what the booklet for
XYZ(71.7889, 65.9866, 62.5833)
contains.

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Color

**XYZ(71.8565, 66.1841,
62.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C6
RGB	255, 199, 198
RGB Percent	100%, 78%, 78%
CMY	0.0000, 0.2196, 0.2235
CMYK	0.00, 0.22, 0.22, 0.00
HSL	1°, 100%, 89%
HSV	1°, 22%, 100%
XYZ	71.8565, 66.1841, 62.4136
YIQ	215.6300, 33.6970, 11.5610

Conversions

Conversions Part 2

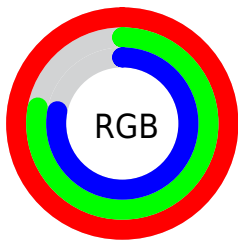
Format	Color
R _Y B	255, 199, 198
Decimal	16762822
CIE Lab	85.09, 19.76, 8.16
CIE LCh	85, 21.374, 22.430
Yxy	66.1841, 0.3585, 0.3302
Android (android.graphics.Color)	4294952902 (0xFFFFC7C6)
YUV	215.6300, -8.6916, 34.5275
Hunter-Lab	81.3536, 15.2933, 11.4609

Details

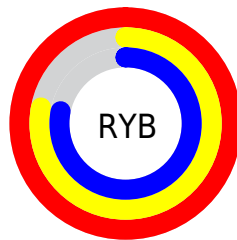
The XYZ color **71.8565, 66.1841, 62.4136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7793, 90.1064, 107.9533**, and the grayscale version is **65.0612, 68.4494, 74.5414**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1854, 34.1347, 30.9616** is the 20% darker color. If you saturate the color by 10%, you get **63.8622, 54.5129, 46.4388**, and if you desaturate by 10%, it is **81.2979, 79.9566, 81.3153**.

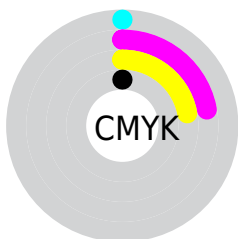
Distribution



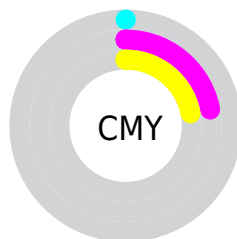
- Red (100%)
- Green (78%)
- Blue (78%)



- Red (100%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8565, 66.1841, 62.4136 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 71.8565, 66.1841, 62.4136 by changing the saturation by 10% instead.


 71.8565, 66.1841,
62.4136

 71.8565, 66.1841,
62.4136

456.2074,
447.0350, 451.4874

 53.3265, 48.4219,
44.9290

120.8644,
113.7505, 109.9005

 38.2920, 34.1611,
31.0590

152.0730,
144.3235, 140.7398

 26.3876, 23.0174,
20.3849


188.2385,
179.9355, 176.8679

 17.2481, 14.6063,
12.4883

229.7263,
220.9710, 218.7032

 10.5079, 8.5436,
6.9506

276.9018,
267.8143, 266.6642

 5.8018, 4.4447,
3.3532

330.1302,

 2.7645, 1.9253,

320.8498, 321.1696

1.2777

389.7769,
380.4619, 382.6378

■ 1.0305, 0.5635,
0.0434

■ 0.0000, 0.0000,
0.0000

■ 71.8565, 66.1841,
62.4136

■ 71.8565, 66.1841,
62.4136

■ 63.8622, 54.5129,
46.4388

■ 81.2979, 79.9566,
81.3153

■ 57.2391, 44.8316,
33.2409

■ 92.2479, 95.9172,
103.2755

■ 51.9115, 37.0318,
22.6626

95.0500, 100.0000,
108.9000

■ 47.7947, 30.9913,
14.5295

■ 44.7938, 26.5734,
8.6460

■ 42.7996, 23.6214,
4.7864

■ 41.6814, 21.9478,
2.6783

■ 41.2888, 21.3576,
1.9463

Harmonies

Analogous

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



72.5357, 66.1841, 75.6125



71.8565, 66.1841, 62.4136



68.7208, 66.1841, 53.0263

Triad

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



71.8565, 66.1841, 62.4136



55.8504, 66.1841, 57.0770



61.6944, 66.1841, 101.6676

Complementary

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



71.8565, 66.1841, 62.4136



76.7793, 90.1064, 107.9533

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.



57.4289, 66.1841, 95.1850



71.8565, 66.1841, 62.4136



54.1686, 66.1841, 68.6269

Square

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



71.8565, 66.1841, 62.4136



59.4396, 66.1841, 50.2304



54.7314, 66.1841, 82.6595



66.5046, 66.1841, 99.4516

Rectangle

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



71.8565, 66.1841, 62.4136



65.7420, 66.1841, 49.6283



54.7314, 66.1841, 82.6595



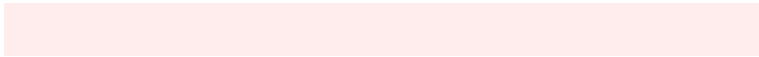
60.1528, 66.1841, 100.4078

Sweetspot

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



71.8581, 66.1870, 62.4150



86.9669, 88.2210, 92.6804



79.3318, 68.8078, 102.9079



18.4730, 18.6766, 19.5536



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.



71.8581, 66.1870, 62.4150



67.9665, 60.5068, 54.6348



79.0257, 80.5223, 64.8042



18.0351, 18.0383, 18.6755



21.5854, 11.1820, 1.0207



2.1103, 1.1060, 0.1023

Inverse Universe

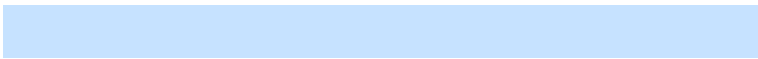
The Inverse Universe completely reimagines the original color for something new.



76.7793, 90.1064, 107.9533



73.7101, 88.4258, 107.7907



68.4134, 73.3746, 105.1647



18.5258, 20.4232, 23.2156



27.3887, 39.6870, 55.6514



2.6752, 3.8811, 5.4214

Previews

White Background



This preview shows how the XYZ color 71.8565, 66.1841, 62.4136 looks on a white background.

Color Contrast Check

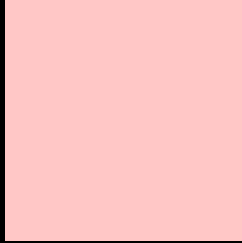
Large Text (above 18pt) WCAG AA × Fail

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 71.8565, 66.1841, 62.4136 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 71.8565, 66.1841, 62.4136

Background



This preview shows how black text looks on a background with the XYZ color 71.8565, 66.1841, 62.4136.

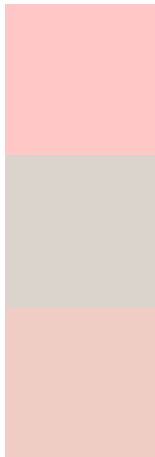


This preview shows how white text looks on a background with the XYZ color 71.8565, 66.1841,

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

71.8565, 66.1841, 62.4136

Protanopia

63.4764, 66.4002, 67.2286

Deuteranopia

67.5060, 66.0446, 62.0133



Tritanopia

73.3177, 66.4016, 71.2399

Trichromacy



Original Color

71.8565, 66.1841, 62.4136

Protanomaly

65.9285, 65.8788, 65.1182

Deuteranomaly

69.0902, 66.1556, 61.9512

Tritanomaly

72.6966, 66.1532, 67.9688

Monochromacy



Original Color

71.8565, 66.1841, 62.4136

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1883, 67.5196, 69.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8565, 66.1841, 62.4136 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, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 198)  
}
```

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, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 71.8565, 66.1841, 62.4136 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, 199, 198) }
```


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

```
.border{ border-color:rgb(255, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8565, 66.1841, 62.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 198) }
```

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

```
.background{ background-color: rgb(255,  
199, 198) }
```

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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