

Converting Colors

XYZ(71.7400, 67.1160, 61.7163)

Have a look what the booklet for
XYZ(71.7400, 67.1160, 61.7163)
contains.

XYZ(71.7066, 67.1549, 62.0062)	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(71.7066, 67.1549,
62.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCAC5
RGB	253, 202, 197
RGB Percent	99%, 79%, 77%
CMY	0.0078, 0.2078, 0.2274
CMYK	0.00, 0.20, 0.22, 0.01
HSL	5°, 93%, 88%
HSV	5°, 22%, 99%
XYZ	71.7066, 67.1549, 62.0062
YIQ	216.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

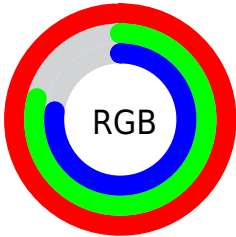
Format	Color
R _Y B	253, 202, 197
Decimal	16632517
CIE Lab	85.58, 17.32, 9.37
CIE LCh	86, 19.690, 28.402
Yxy	67.1549, 0.3570, 0.3343
Android (android.graphics.Color)	4294822597 (0xFFFDCA5)
YUV	216.6790, -9.7017, 31.8535
Hunter-Lab	81.9481, 12.7827, 12.5018

Details

The XYZ color **71.7066, 67.1549, 62.0062** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3223, 86.0948, 105.6298**, and the grayscale version is **65.7841, 69.2100, 75.3696**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **38.3128, 34.8987, 30.7034** is the 20% darker color. If you saturate the color by 10%, you get **64.0395, 56.0769, 46.3282**, and if you desaturate by 10%, it is **80.6709, 80.0477, 80.5183**.

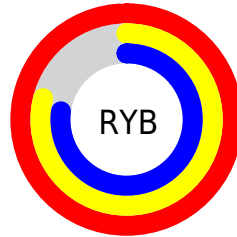
Distribution



Red (99%)

Green (79%)

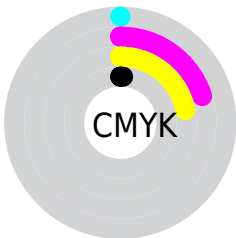
Blue (77%)



Red (99%)

Yellow (79%)

Blue (77%)

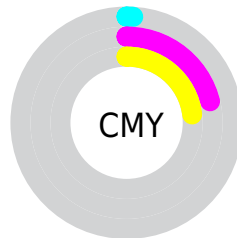


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (1%)



Cyan (1%)


Magenta (21%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7066, 67.1549, 62.0062 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 71.7066, 67.1549, 62.0062 by changing the saturation by 10% instead.


 71.7066, 67.1549,
62.0062

 71.7066, 67.1549,
62.0062


455.6932,
450.4959, 449.9620

 53.2036, 49.2105,
44.6019


120.6524,
115.1423, 109.3062

 38.1935, 34.7865,
30.8033

151.8259,
145.9542, 140.0389

 26.3108, 23.4985,
20.1919


187.9536,
181.8240, 176.0515

 17.1902, 14.9620,
12.3492

229.4010,
223.1361, 217.7626

 10.4663, 8.7927,
6.8565

276.5332,
270.2750, 265.5906

 5.7739, 4.6062,
3.2954

329.7158,

 2.7474, 2.0181,

323.6250, 319.9542

1.2474

389.3140,
383.5705, 381.2718

■ 1.0216, 0.6180,
0.0181

■ 0.0000, 0.0000,
0.0000

■ 71.7066, 67.1549,
62.0062

■ 71.7066, 67.1549,
62.0062

■ 64.0395, 56.0769,
46.3282

■ 80.6709, 80.0477,
80.5183

■ 57.6042, 46.7234,
33.3406

■ 90.9830, 94.8219,
101.9904

■ 52.3380, 39.0104,
22.8930

■ 94.3182, 99.6228,
108.8658

■ 48.1702, 32.8432,
14.8189

■ 45.0225, 28.1171,
8.9319

■ 42.8063, 24.7149,
5.0173

■ 41.4174, 22.5004,
2.8173

■ 40.8070, 21.4802,
1.9953

Harmonies

Analogous

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



72.8289, 67.1549, 73.8100



71.7066, 67.1549, 62.0062



68.4475, 67.1549, 54.0626

Triad

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



71.7066, 67.1549, 62.0062



56.7718, 67.1549, 60.9454



63.5889, 67.1549, 100.6454

Complementary

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



71.7066, 67.1549, 62.0062



74.3223, 86.0948, 105.6298

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.



59.4225, 67.1549, 96.2005



71.7066, 67.1549, 62.0062



55.6024, 67.1549, 72.4349

Square

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



71.7066, 67.1549, 62.0062



59.8199, 67.1549, 53.5024



56.5500, 67.1549, 85.4889



68.0128, 67.1549, 97.0284

Rectangle

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



71.7066, 67.1549, 62.0062



65.5755, 67.1549, 51.5257



56.5500, 67.1549, 85.4889



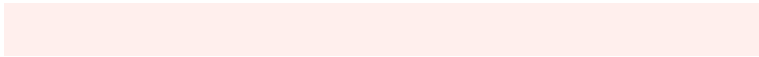
62.1132, 67.1549, 100.0355

Sweetspot

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



71.7084, 67.1580, 62.0076



87.3400, 88.9671, 92.8048



77.4700, 67.6140, 98.0466



18.5590, 18.8487, 19.5822



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.



71.7084, 67.1580, 62.0076



69.0351, 62.6441, 54.9910



78.7909, 81.3229, 64.3684



18.1399, 18.2479, 18.7105



21.7507, 11.5126, 1.0758



2.1600, 1.2053, 0.1188

Inverse Universe

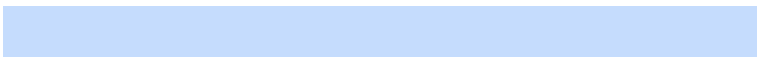
The Inverse Universe completely reimagines the original color for something new.



74.3223, 86.0948, 105.6298



72.1646, 85.3347, 107.2755



66.4372, 70.3246, 103.0014



18.4079, 20.1874, 23.1763



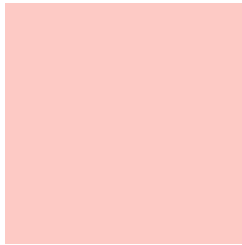
24.5981, 34.1059, 54.7212



2.4340, 3.3988, 5.3410

Previews

White Background



This preview shows how the XYZ color 71.7066, 67.1549, 62.0062 looks on a white background.

Color Contrast Check

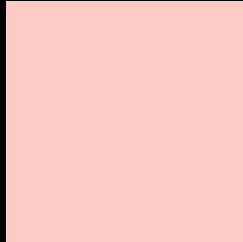
Large Text (above 18pt) WCAG AA × Fail

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 71.7066, 67.1549, 62.0062 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 71.7066, 67.1549, 62.0062

Background



This preview shows how black text looks on a background with the XYZ color 71.7066, 67.1549, 62.0062.

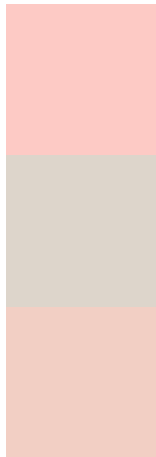


This preview shows how white text looks on a background with the XYZ color 71.7066, 67.1549,

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

71.7066, 67.1549, 62.0062

Protanopia

64.3925, 67.2724, 66.0909

Deuteranopia

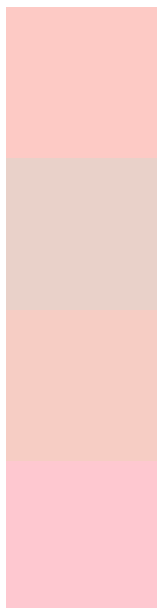
68.8946, 67.4884, 61.6200



Tritanopia

73.9292, 67.0131, 73.3283

Trichromacy



Original Color

71.7066, 67.1549, 62.0062

Protanomaly

66.9474, 67.1416, 64.6895

Deuteranomaly

69.8012, 67.2410, 61.5244

Tritanomaly

72.9125, 66.9335, 68.7511

Monochromacy



Original Color

71.7066, 67.1549, 62.0062

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.8095, 68.5631, 70.6328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7066, 67.1549, 62.0062 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(253, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(253, 202, 197)  
}
```

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(253, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 202, 197) }
```

Border

The CSS property to change the border of an element to XYZ 71.7066, 67.1549, 62.0062 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(253, 202, 197) }
```


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

```
.border{ border-color:rgb(253, 202, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(253, 202,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7066, 67.1549, 62.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 202, 197) }
```

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

```
.background{ background-color: rgb(253,  
202, 197) }
```

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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