

Converting Colors

XYZ(71.7866, 68.9954, 62.0864)

Have a look what the booklet for
XYZ(71.7866, 68.9954, 62.0864)
contains.

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Color

**XYZ(71.8152, 68.9809,
62.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	FACFC5
RGB	250, 207, 197
RGB Percent	98%, 81%, 77%
CMY	0.0196, 0.1882, 0.2274
CMYK	0.00, 0.17, 0.21, 0.02
HSL	11°, 84%, 88%
HSV	11°, 21%, 98%
XYZ	71.8152, 68.9809, 62.3529
YIQ	218.7170, 28.8380, 6.0060

Conversions

Conversions Part 2

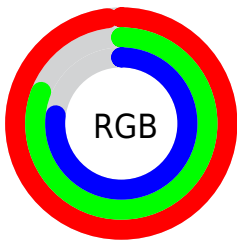
Format	Color
R _Y B	250, 209, 197
Decimal	16437189
CIE Lab	86.49, 13.62, 10.63
CIE LCh	86, 17.274, 37.980
Yxy	68.9809, 0.3535, 0.3396
Android (android.graphics.Color)	4294627269 (0xFFFAFC5)
YUV	218.7170, -10.7065, 27.4352
Hunter-Lab	83.0547, 8.9984, 13.6267

Details

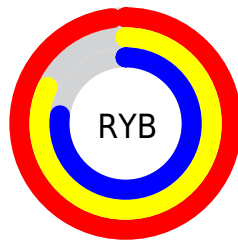
The XYZ color **71.8152, 68.9809, 62.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4406, 81.0904, 102.3295**, and the grayscale version is **67.1953, 70.6947, 76.9865**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **38.3415, 36.1031, 30.9344** is the 20% darker color. If you saturate the color by 10%, you get **64.5832, 58.7270, 46.9620**, and if you desaturate by 10%, it is **80.1572, 80.6934, 80.4590**.

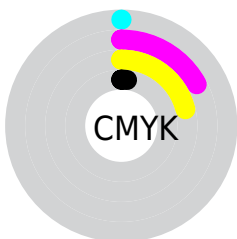
Distribution



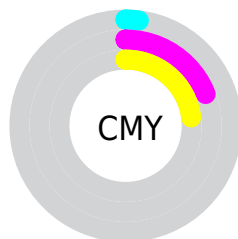
- Red (98%)
- Green (81%)
- Blue (77%)



- Red (98%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8152, 68.9809, 62.3529 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 71.8152, 68.9809, 62.3529 by changing the saturation by 10% instead.


 71.8152, 68.9809,
62.3529

 71.8152, 68.9809,
62.3529


456.0657,
456.9636, 451.2603

 53.2927, 50.6962,
44.8803


120.8060,
117.7543, 109.8119

 38.2649, 35.9669,
31.0209

152.0049,
149.0117, 140.6355

 26.3665, 24.4086,
20.3561


188.1600,
185.3622, 176.7463

 17.2321, 15.6370,
12.4676

229.6367,
227.1901, 218.5631

 10.4964, 9.2677,
6.9366

276.8002,
274.8798, 266.5044

 5.7941, 4.9162,
3.3446

330.0160,

 2.7598, 2.1982,

328.8156, 320.9887

1.2732

389.6494,
389.3821, 382.4345

■ 1.0280, 0.7190,
0.0397

■ 0.0000, 0.0000,
0.0000

■ 71.8152, 68.9809,
62.3529

■ 71.8152, 68.9809,
62.3529

■ 64.5832, 58.7270,
46.9620

■ 80.1572, 80.6934,
80.4590

■ 58.4083, 49.8651,
34.1508

■ 89.6479, 93.9089,
101.3983

■ 53.2416, 42.3376,
23.7786

■ 93.2345, 99.0641,
108.8150

■ 49.0282, 36.0790,
15.6895

■ 45.7074, 31.0183,
9.7092

■ 43.2115, 27.0771,
5.6384

■ 41.4620, 24.1673,
3.2386

■ 40.4488, 22.3726,
2.1865

Harmonies

Analogous

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



73.4794, 68.9809, 72.0919



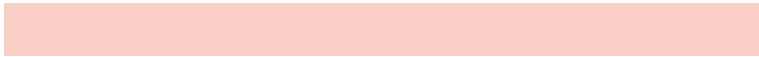
71.8152, 68.9809, 62.3529



68.4903, 68.9809, 56.4836

Triad

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



71.8152, 68.9809, 62.3529



58.6897, 68.9809, 67.1492



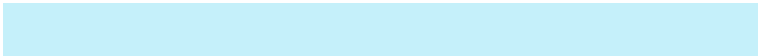
66.6378, 68.9809, 99.1011

Complementary

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



71.8152, 68.9809, 62.3529



71.4406, 81.0904, 102.3295

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.



62.7228, 68.9809, 97.4343



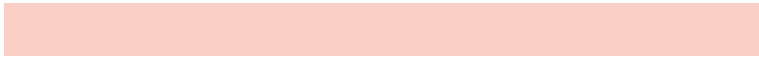
71.8152, 68.9809, 62.3529



58.2390, 68.9809, 78.2080

Square

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



71.8152, 68.9809, 62.3529



60.9444, 68.9809, 59.0503



59.6870, 68.9809, 89.4948



70.4120, 68.9809, 93.8422

Rectangle

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



71.8152, 68.9809, 62.3529



65.8357, 68.9809, 55.1764



59.6870, 68.9809, 89.4948



65.2936, 68.9809, 99.3414

Sweetspot

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



71.8171, 68.9840, 62.3543



88.8511, 91.3884, 95.1614



75.1615, 66.5654, 91.5464



18.8791, 19.3678, 20.0626



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

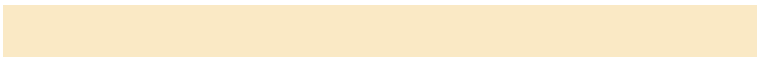
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8171, 68.9840, 62.3543



72.0946, 67.8788, 58.7367



78.7032, 82.7564, 64.6497



17.5097, 17.7552, 17.9666



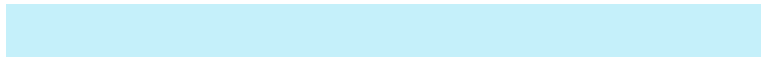
21.5314, 12.0194, 1.1852



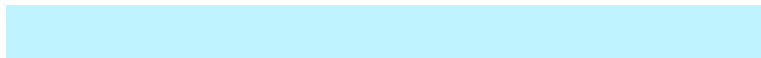
2.0629, 1.2507, 0.1327

Inverse Universe

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



71.4406, 81.0904, 102.3295



71.6391, 82.4095, 106.7386



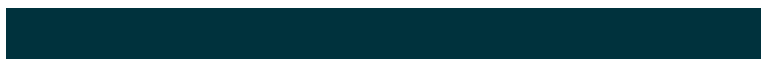
64.2738, 66.7568, 99.9406



17.4710, 19.0188, 22.1355



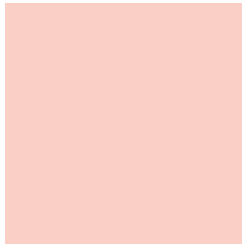
20.5569, 26.4694, 51.9992



1.9733, 2.5902, 4.8391

Previews

White Background



This preview shows how the XYZ color 71.8152, 68.9809, 62.3529 looks on a white background.

Color Contrast Check

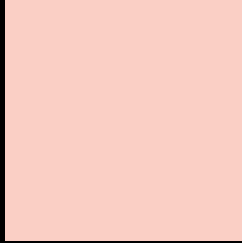
Large Text (above 18pt) WCAG AA × Fail

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 71.8152, 68.9809, 62.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

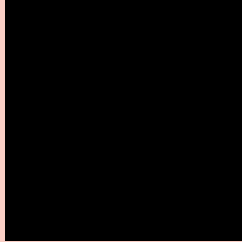
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8152, 68.9809, 62.3529

Background



This preview shows how black text looks on a background with the XYZ color 71.8152, 68.9809, 62.3529.

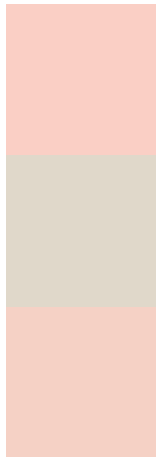


This preview shows how white text looks on a background with the XYZ color 71.8152, 68.9809,

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

71.8152, 68.9809, 62.3529

Protanopia

65.9570, 69.2233, 65.7622

Deuteranopia

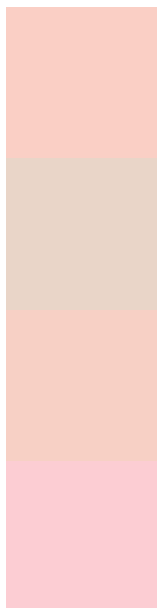
70.5347, 69.0446, 62.4327



Tritanopia

74.8871, 69.1829, 76.4245

Trichromacy



Original Color

71.8152, 68.9809, 62.3529

Protanomaly

67.8238, 69.0823, 64.4031

Deuteranomaly

70.9917, 68.9171, 62.3840

Tritanomaly

73.7341, 69.0612, 71.0720

Monochromacy



Original Color

71.8152, 68.9809, 62.3529

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6914, 70.1270, 71.5435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8152, 68.9809, 62.3529 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(250, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 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(250, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 197) }
```

Border

The CSS property to change the border of an element to XYZ 71.8152, 68.9809, 62.3529 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(250, 207, 197) }
```


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

```
.border{ border-color:rgb(250, 207, 197) }
```

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

Here you see how a box with a 4 pixel rgb(250, 207, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8152, 68.9809, 62.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 197) }
```

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

```
.background{ background-color: rgb(250,  
207, 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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