

Converting Colors

XYZ(72.9884, 68.8287, 67.9264)

Have a look what the booklet for
XYZ(72.9884, 68.8287, 67.9264)
contains.

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Color

**XYZ(72.7556, 68.6281,
67.8044)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCDCE
RGB	251, 205, 206
RGB Percent	98%, 80%, 81%
CMY	0.0157, 0.1961, 0.1922
CMYK	0.00, 0.18, 0.18, 0.02
HSL	359°, 85%, 89%
HSV	359°, 18%, 98%
XYZ	72.7556, 68.6281, 67.8044
YIQ	218.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

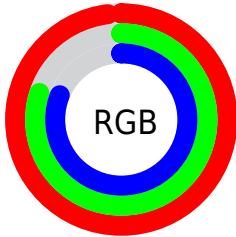
Format	Color
R _Y B	251, 205, 206
Decimal	16502222
CIE Lab	86.32, 16.35, 5.62
CIE LCh	86, 17.290, 18.979
Yxy	68.6281, 0.3478, 0.3281
Android (android.graphics.Color)	4294692302 (0xFFFBCE)
YUV	218.8680, -6.3439, 28.1798
Hunter-Lab	82.8421, 11.7930, 9.4619

Details

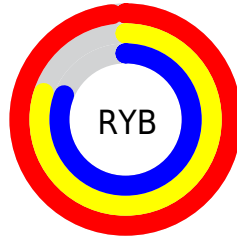
The XYZ color **72.7556, 68.6281, 67.8044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9321, 88.8774, 103.5473**, and the grayscale version is **67.2715, 70.7748, 77.0738**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9822, 35.8695, 34.5747** is the 20% darker color. If you saturate the color by 10%, you get **64.4724, 56.4684, 51.4570**, and if you desaturate by 10%, it is **82.4718, 82.9067, 86.9305**.

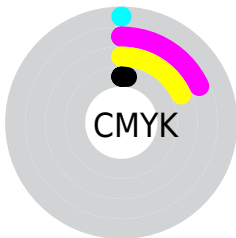
Distribution



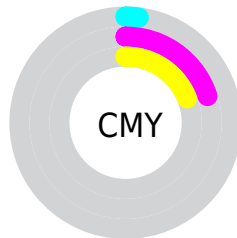
- Red (98%)
- Green (80%)
- Blue (81%)



- Red (98%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7556, 68.6281, 67.8044 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 72.7556, 68.6281, 67.8044 by changing the saturation by 10% instead.


 72.7556, 68.6281,
67.8044

 72.7556, 68.6281,
67.8044


459.2842,
455.7182, 471.3819

 54.0638, 50.4089,
49.2729


122.1352,
117.2502, 117.7238

 38.8836, 35.7384,
34.4689

153.5537,
148.4220, 149.9489

 26.8495, 24.2322,
22.9738

189.9452,
184.6800, 187.5756

 17.5962, 15.5060,
14.3690

231.6749,
226.4087, 231.0224

 10.7584, 9.1753,
8.2361

279.1084,
273.9924, 280.7079

 5.9707, 4.8557,
4.1565

332.6108,

 2.8678, 2.1628,

327.8157, 337.0506

1.7116

392.5477,
388.2628, 400.4691

■ 1.0842, 0.6996,
0.3686

■ 0.0119, 0.0000,
0.0000

■ 72.7556, 68.6281,
67.8044

■ 72.7556, 68.6281,
67.8044

■ 64.4724, 56.4684,
51.4570

■ 82.4718, 82.9067,
86.9305

■ 57.5492, 46.3180,
37.7551

■ 93.5940, 99.2494,
108.8319

■ 51.9151, 38.0715,
26.5610

■ 47.4902, 31.6103,
17.7227

■ 44.1863, 26.8025,
11.0721

■ 41.9027, 23.4979,
6.4186

■ 40.5211, 21.5193,
3.5391

■ 39.8819, 20.6216,
2.1525

■ 39.8137, 20.5213,
2.0186

Harmonies

Analogous

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



73.0524, 68.6281, 79.0036



72.7556, 68.6281, 67.8044



70.3946, 68.6281, 59.3438

Triad

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



72.7556, 68.6281, 67.8044



59.6106, 68.6281, 61.2121



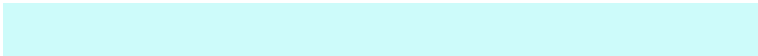
63.7734, 68.6281, 98.4306

Complementary

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



72.7556, 68.6281, 67.8044



76.9321, 88.8774, 103.5473

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.



60.3224, 68.6281, 92.5562



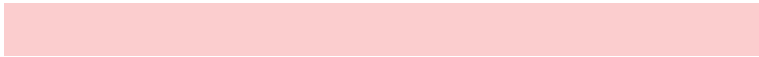
72.7556, 68.6281, 67.8044



57.9850, 68.6281, 70.6025

Square

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



72.7556, 68.6281, 67.8044



62.7657, 68.6281, 55.8143



58.2402, 68.6281, 82.0998



67.7558, 68.6281, 97.4854

Rectangle

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



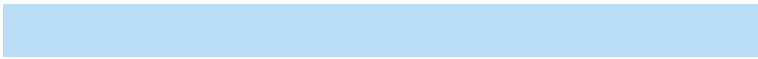
72.7556, 68.6281, 67.8044



68.0196, 68.6281, 56.0350



58.2402, 68.6281, 82.0998



62.5156, 68.6281, 97.1660

Sweetspot

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



72.7575, 68.6312, 67.8058



89.1727, 91.3556, 97.3526



78.4793, 70.8564, 100.8079



18.9166, 19.3038, 20.5033



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

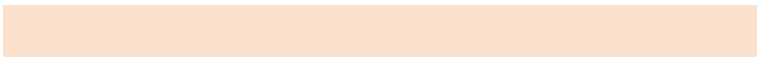
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7575, 68.6312, 67.8058



72.0791, 66.2363, 63.6994



78.1286, 79.5663, 69.0014



17.2598, 17.2313, 17.9581



20.9343, 10.7894, 1.0965



1.9441, 1.0014, 0.1289

Inverse Universe

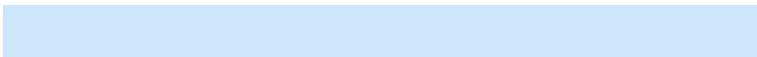
The Inverse Universe completely reimagines the original color for something new.



72.7575, 68.6312, 67.8058



72.0791, 66.2363, 63.6994



70.7592, 76.2811, 102.2618



17.2598, 17.2313, 17.9581



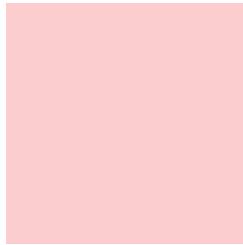
20.9343, 10.7894, 1.0965



1.9441, 1.0014, 0.1289

Previews

White Background



This preview shows how the XYZ color 72.7556, 68.6281, 67.8044 looks on a white background.

Color Contrast Check

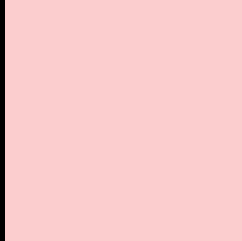
Large Text (above 18pt) WCAG AA × Fail

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 72.7556, 68.6281, 67.8044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

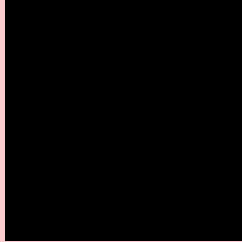
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7556, 68.6281, 67.8044

Background



This preview shows how black text looks on a background with the XYZ color 72.7556, 68.6281, 67.8044.



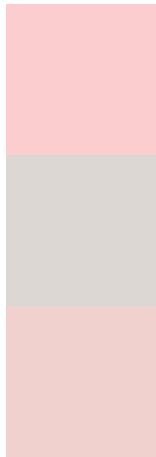
This preview shows how white text looks on a background with the XYZ color 72.7556, 68.6281,

67.8044.

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

72.7556, 68.6281, 67.8044

Protanopia

66.0029, 68.7265, 72.0742

Deuteranopia

70.0955, 68.7095, 67.3254



Tritanopia

74.6501, 68.7090, 76.3455

Trichromacy



Original Color

72.7556, 68.6281, 67.8044

Protanomaly

68.2058, 68.3975, 70.5800

Deuteranomaly

71.2315, 68.9320, 67.3085

Tritanomaly

73.8753, 68.7362, 72.9921

Monochromacy



Original Color

72.7556, 68.6281, 67.8044

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.1392, 69.9371, 73.4735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7556, 68.6281, 67.8044 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(251, 205, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 205, 206)  
}
```

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(251, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 205, 206) }
```

Border

The CSS property to change the border of an element to XYZ 72.7556, 68.6281, 67.8044 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(251, 205, 206) }
```


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

```
.border{ border-color:rgb(251, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 205,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7556, 68.6281, 67.8044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 205, 206) }
```

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

```
.background{ background-color: rgb(251,  
205, 206) }
```

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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