

Converting Colors

XYZ(72.6475, 69.0509, 67.9867)

Have a look what the booklet for
XYZ(72.6475, 69.0509, 67.9867)
contains.

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Color

**XYZ(72.6362, 68.9228,
67.8676)**

Conversions

Conversions Part 1

Format	Color
Hex	FACECE
RGB	250, 206, 206
RGB Percent	98%, 81%, 81%
CMY	0.0196, 0.1921, 0.1922
CMYK	0.00, 0.18, 0.18, 0.02
HSL	0°, 81%, 89%
HSV	0°, 18%, 98%
XYZ	72.6362, 68.9228, 67.8676
YIQ	219.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

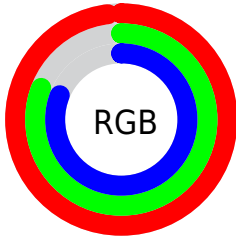
Format	Color
R _Y B	250, 206, 206
Decimal	16436942
CIE Lab	86.47, 15.47, 5.82
CIE LCh	86, 16.528, 20.625
Yxy	68.9228, 0.3468, 0.3291
Android (android.graphics.Color)	4294627022 (0xFFFACECE)
YUV	219.1560, -6.4859, 27.0502
Hunter-Lab	83.0198, 10.8898, 9.6450

Details

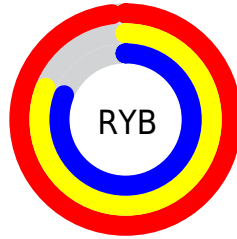
The XYZ color **72.6362, 68.9228, 67.8676** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8939, 88.3930, 103.4519**, and the grayscale version is **67.4726, 70.9864, 77.3042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8881, 36.0609, 34.6166** is the 20% darker color. If you saturate the color by 10%, you get **64.2908, 56.7116, 51.2747**, and if you desaturate by 10%, it is **82.4255, 83.2475, 87.3265**.

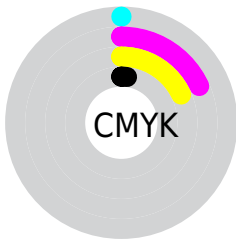
Distribution



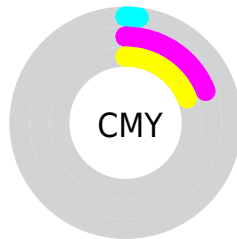
- Red (98%)
- Green (81%)
- Blue (81%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6362, 68.9228, 67.8676 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 72.6362, 68.9228, 67.8676 by changing the saturation by 10% instead.


 72.6362, 68.9228,
67.8676

 72.6362, 68.9228,
67.8676


458.8763,
456.7586, 471.6121

 53.9659, 50.6488,
49.3240


121.9665,
117.6713, 117.8151

 38.8049, 35.9292,
34.5092


153.3572,
148.9146, 150.0562

 26.7880, 24.3795,
23.0045


189.7188,
185.2499, 187.7001

 17.5499, 15.6154,
14.3915

231.4165,
227.0614, 231.1655

 10.7250, 9.2524,
8.2516

278.8157,
274.7337, 280.8708

 5.9482, 4.9062,
4.1663

332.2819,

 2.8540, 2.1923,

328.6511, 337.2347

1.7170

392.1803,
389.1979, 400.6756

■ 1.0770, 0.7158,
0.3723

■ 0.0057, 0.0000,
0.0000

■ 72.6362, 68.9228,
67.8676

■ 72.6362, 68.9228,
67.8676

■ 64.2908, 56.7116,
51.2747

■ 82.4255, 83.2475,
87.3265

■ 57.3158, 46.5051,
37.4086

■ 93.2346, 99.0641,
108.8150

■ 51.6395, 38.1991,
26.1246

■ 47.1819, 31.6761,
17.2633

■ 43.8536, 26.8058,
10.6475

■ 41.5536, 23.4400,
6.0758

■ 40.1625, 21.4043,
3.3110

■ 39.5229, 20.4681,
2.0400

■ 39.4249, 20.3247,
1.8451

Harmonies

Analogous

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



73.0367, 68.9228, 78.5289



72.6362, 68.9228, 67.8676



70.2864, 68.9228, 59.9124

Triad

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



72.6362, 68.9228, 67.8676



59.9867, 68.9228, 62.4603



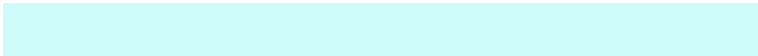
64.3183, 68.9228, 97.8043

Complementary

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



72.6362, 68.9228, 67.8676



76.8939, 88.3930, 103.4519

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.



60.9532, 68.9228, 92.5331



72.6362, 68.9228, 67.8676



58.5173, 68.9228, 71.6661

Square

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



72.6362, 68.9228, 67.8676



62.9524, 68.9228, 57.0078



58.8641, 68.9228, 82.7118



68.1340, 68.9228, 96.5348

Rectangle

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



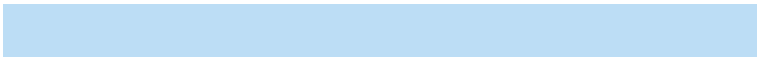
72.6362, 68.9228, 67.8676



67.9794, 68.9228, 56.8771



58.8641, 68.9228, 82.7118



63.0993, 68.9228, 96.7208

Sweetspot

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



72.6381, 68.9259, 67.8690



89.1316, 91.3398, 97.1340



78.7517, 71.3696, 100.0681



18.9067, 19.3000, 20.4504



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.



72.6381, 68.9259, 67.8690



72.8286, 67.4842, 64.7236



78.3091, 80.2678, 69.7594



17.2448, 17.2255, 17.8784



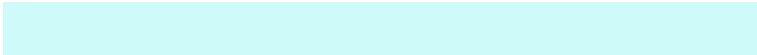
20.9121, 10.7809, 0.9787



1.9369, 0.9986, 0.0907

Inverse Universe

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



76.8939, 88.3930, 103.4519



78.0168, 91.2165, 108.1024



70.4531, 75.5116, 101.3050



17.7657, 19.6083, 22.2337



27.2817, 39.9190, 54.2408



2.5268, 3.6973, 5.0236

Previews

White Background



This preview shows how the XYZ color 72.6362, 68.9228, 67.8676 looks on a white background.

Color Contrast Check

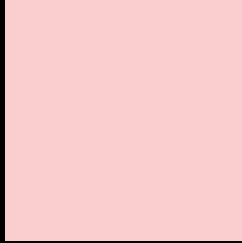
Large Text (above 18pt) WCAG AA × Fail

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 72.6362, 68.9228, 67.8676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

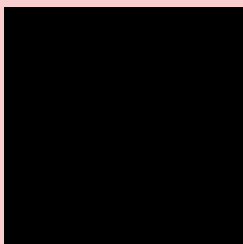
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6362, 68.9228, 67.8676

Background



This preview shows how black text looks on a background with the XYZ color 72.6362, 68.9228, 67.8676.



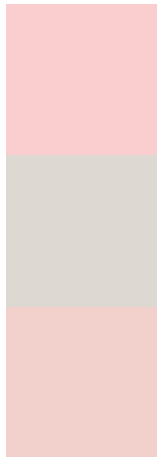
This preview shows how white text looks on a background with the XYZ color 72.6362, 68.9228,

67.8676.

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

72.6362, 68.9228, 67.8676

Protanopia

66.4379, 69.3445, 71.5112

Deuteranopia

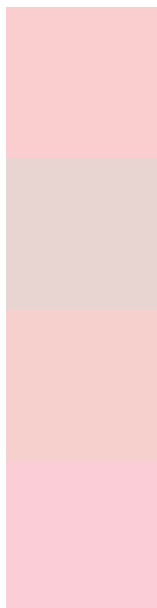
70.4379, 68.8860, 67.3415



Tritanopia

74.6560, 69.0485, 77.1030

Trichromacy



Original Color

72.6362, 68.9228, 67.8676

Protanomaly

68.3308, 68.8462, 70.0088

Deuteranomaly

71.2315, 68.9320, 67.3085

Tritanomaly

73.8807, 69.0782, 73.7295

Monochromacy



Original Color

72.6362, 68.9228, 67.8676

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.8173, 69.7712, 73.4584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6362, 68.9228, 67.8676 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, 206, 206) looks like.

```
.text, #text, p{  
    color:rgb(250, 206, 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(250, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 206, 206) }
```

Border

The CSS property to change the border of an element to XYZ 72.6362, 68.9228, 67.8676 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, 206, 206) }
```


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

```
.border{ border-color:rgb(250, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(250, 206,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6362, 68.9228, 67.8676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 206, 206) }
```

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

```
.background{ background-color: rgb(250,  
206, 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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