

Converting Colors

XYZ(72.9110, 69.9959, 57.9407)

Have a look what the booklet for
XYZ(72.9110, 69.9959, 57.9407)
contains.

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Color

**XYZ(72.9812, 70.0459,
57.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0BD
RGB	255, 208, 189
RGB Percent	100%, 82%, 74%
CMY	0.0000, 0.1843, 0.2588
CMYK	0.00, 0.18, 0.26, 0.00
HSL	17°, 100%, 87%
HSV	17°, 26%, 100%
XYZ	72.9812, 70.0459, 57.8178
YIQ	219.8870, 34.1110, 4.0550

Conversions

Conversions Part 2

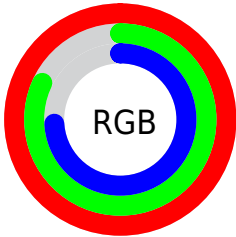
Format	Color
R _Y B	255, 216, 189
Decimal	16765117
CIE Lab	87.02, 13.81, 15.66
CIE LCh	87, 20.879, 48.608
Yxy	70.0459, 0.3634, 0.3488
Android (android.graphics.Color)	4294955197 (0xFFFFD0BD)
YUV	219.8870, -15.2273, 30.7941
Hunter-Lab	83.6934, 9.1896, 17.6262

Details

The XYZ color **72.9812, 70.0459, 57.8178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0308, 78.0272, 106.0302**, and the grayscale version is **68.0364, 71.5796, 77.9502**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.0255, 36.7591, 28.3309** is the 20% darker color. If you saturate the color by 10%, you get **66.2767, 60.6840, 43.1065**, and if you desaturate by 10%, it is **80.6826, 80.6224, 75.2640**.

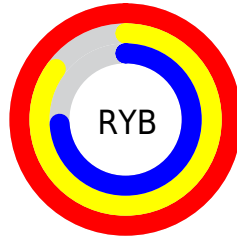
Distribution



Red (100%)

Green (82%)

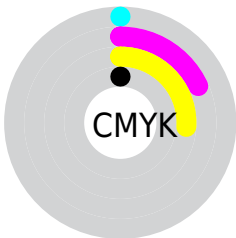
Blue (74%)



Red (100%)

Yellow (85%)

Blue (74%)

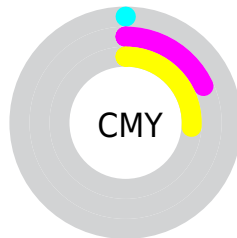


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9812, 70.0459, 57.8178 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 72.9812, 70.0459, 57.8178 by changing the saturation by 10% instead.


 72.9812, 70.0459,
57.8178

 72.9812, 70.0459,
57.8178


460.0544,
460.7112, 434.0860

 54.2489, 51.5640,
41.2485


 122.4538,
119.2742, 103.1696

 39.0322, 36.6576,
28.1921


153.9248,
150.7894, 132.7892

 26.9656, 24.9425,
18.2302


190.3728,
187.4177, 167.5960

 17.6838, 16.0342,
10.9443

232.1631,
229.5436, 208.0084

 10.8215, 9.5484,
5.9157

279.6610,
277.5516, 254.4451

 6.0134, 5.1006,
2.7259

333.2320,

 2.8939, 2.3064,

331.8259, 307.3245

0.9564

393.2414,
392.7509, 367.0653

■ 1.0979, 0.7771,
0.0000

■ 0.0234, 0.0000,
0.0000

■ 72.9812, 70.0459,
57.8178

■ 72.9812, 70.0459,
57.8178

■ 66.2767, 60.6840,
43.1065

■ 80.6826, 80.6224,
75.2640

■ 60.5216, 52.4830,
30.9858

■ 89.4156, 92.4458,
95.5704

■ 55.6717, 45.3991,
21.3048

95.0500, 100.0000,
108.9000

■ 51.6772, 39.3818,
13.8949

■ 48.4830, 34.3765,
8.5660

■ 46.0264, 30.3232,
5.0963

■ 44.2331, 27.1540,
3.2116

■ 43.6508, 26.0817,
2.7336

Harmonies

Analogous

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



75.8794, 70.0459, 68.0038



72.9812, 70.0459, 57.8178



68.4488, 70.0459, 52.8236

Triad

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



72.9812, 70.0459, 57.8178



57.7881, 70.0459, 71.0779



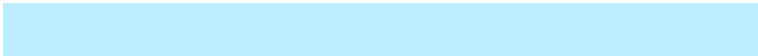
69.6183, 70.0459, 104.7032

Complementary

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



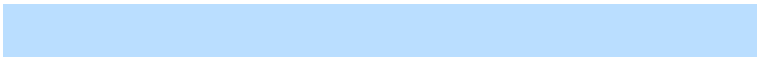
72.9812, 70.0459, 57.8178



69.0308, 78.0272, 106.0302

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.



64.7387, 70.0459, 105.7891



72.9812, 70.0459, 57.8178



58.0669, 70.0459, 85.1762

Square

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



72.9812, 70.0459, 57.8178



59.7768, 70.0459, 59.8306



60.5580, 70.0459, 98.2771



73.8733, 70.0459, 95.4700

Rectangle

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



72.9812, 70.0459, 57.8178



65.1808, 70.0459, 52.6462



60.5580, 70.0459, 98.2771



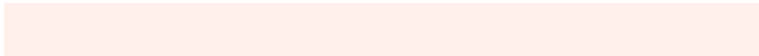
67.9920, 70.0459, 106.0716

Sweetspot

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



72.9829, 70.0490, 57.8192



87.4776, 89.8349, 91.0239



74.6220, 63.7295, 87.9540



18.4354, 18.8389, 18.8090



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.



72.9829, 70.0490, 57.8192



69.4290, 65.1075, 49.9561



81.7922, 87.6675, 60.7556



18.4354, 18.8389, 18.8090



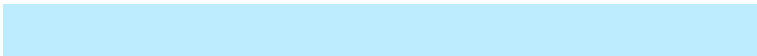
22.9184, 13.8480, 1.4650



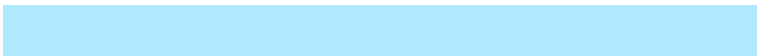
2.3203, 1.5259, 0.1722

Inverse Universe

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



69.0308, 78.0272, 106.0302



64.8665, 74.2910, 105.5285



60.4638, 60.8933, 103.1745



18.0870, 19.5457, 23.0693



18.2608, 21.4311, 52.6088



1.8718, 2.2742, 5.1536

Previews

White Background



This preview shows how the XYZ color 72.9812, 70.0459, 57.8178 looks on a white background.

Color Contrast Check

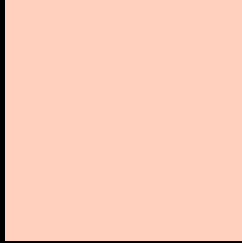
Large Text (above 18pt) WCAG AA × Fail

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 72.9812, 70.0459, 57.8178 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 72.9812, 70.0459, 57.8178

Background



This preview shows how black text looks on a background with the XYZ color 72.9812, 70.0459, 57.8178.



This preview shows how white text looks on a background with the XYZ color 72.9812, 70.0459,

57.8178.

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

72.9812, 70.0459, 57.8178

Protanopia

66.8039, 70.5318, 61.1320

Deuteranopia

71.6562, 70.0913, 57.8964



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

72.9812, 70.0459, 57.8178

Protanomaly

68.8209, 70.0760, 59.7680

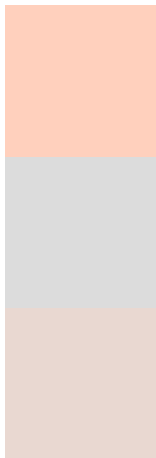
Deuteranomaly

72.1307, 69.9705, 57.8481

Tritanomaly

74.6965, 69.9567, 69.2406

Monochromacy



Original Color

72.9812, 70.0459, 57.8178

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.6688, 71.0388, 70.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9812, 70.0459, 57.8178 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, 208, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 189)  
}
```

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, 208, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 189) }
```

Border

The CSS property to change the border of an element to XYZ 72.9812, 70.0459, 57.8178 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, 208, 189) }
```


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

```
.border{ border-color:rgb(255, 208, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9812, 70.0459, 57.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 189) }
```

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

```
.background{ background-color: rgb(255,  
208, 189) }
```

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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