

Converting Colors

XYZ(72.3447, 70.4082, 59.6463)

Have a look what the booklet for
XYZ(72.3447, 70.4082, 59.6463)
contains.

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Color

**XYZ(72.3447, 70.4082,
59.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD2C0
RGB	251, 210, 192
RGB Percent	98%, 82%, 75%
CMY	0.0157, 0.1764, 0.2471
CMYK	0.00, 0.16, 0.24, 0.02
HSL	18°, 88%, 87%
HSV	18°, 24%, 98%
XYZ	72.3447, 70.4082, 59.6463
YIQ	220.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

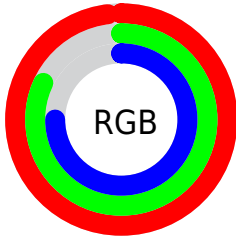
Format	Color
R _Y B	251, 218, 192
Decimal	16503488
CIE Lab	87.20, 11.71, 14.28
CIE LCh	87, 18.465, 50.655
Yxy	70.4082, 0.3574, 0.3479
Android (android.graphics.Color)	4294693568 (0xFFFFBD2C0)
YUV	220.2070, -13.9061, 27.0055
Hunter-Lab	83.9096, 7.0563, 16.5910

Details

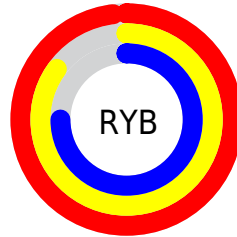
The XYZ color **72.3447, 70.4082, 59.6463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2891, 76.4473, 102.4238**, and the grayscale version is **68.2529, 71.8074, 78.1982**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **38.6297, 36.7761, 29.4886** is the 20% darker color. If you saturate the color by 10%, you get **65.7239, 61.2440, 44.8687**, and if you desaturate by 10%, it is **79.9128, 80.7071, 77.0811**.

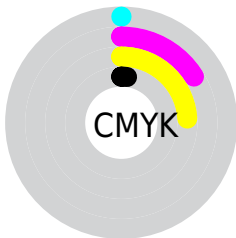
Distribution



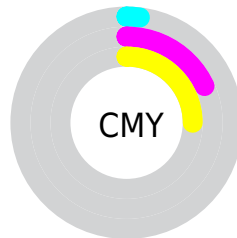
- Red (98%)
- Green (82%)
- Blue (75%)



- Red (98%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3447, 70.4082, 59.6463 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 72.3447, 70.4082, 59.6463 by changing the saturation by 10% instead.


 72.3447, 70.4082,
59.6463

 72.3447, 70.4082,
59.6463


457.8795,
461.9820, 441.0612

 53.7268, 51.8594,
42.7102


 121.5546,
119.7907, 105.8548

 38.6131, 36.8930,
29.3281


152.8773,
151.3932, 135.9642

 26.6382, 25.1247,
19.0814


189.1657,
188.1156, 171.3017

 17.4369, 16.1700,
11.5517

230.7850,
230.3425, 212.2860

 10.6437, 9.6445,
6.3204

278.1008,
278.4582, 259.3356

 5.8933, 5.1639,
2.9689

331.4782,

 2.8204, 2.3437,

332.8471, 312.8690

1.0788

391.2826,
393.8935, 373.3046

■ 1.0595, 0.7967,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.3447, 70.4082,
59.6463

■ 72.3447, 70.4082,
59.6463

■ 65.7239, 61.2440,
44.8687

■ 79.9128, 80.7071,
77.0811

■ 60.0059, 53.1652,
32.6124

■ 88.4594, 92.1686,
97.2913

■ 55.1505, 46.1332,
22.7356

■ 93.5939, 99.2493,
108.8319

■ 51.1122, 40.1029,
15.0808

■ 47.8408, 35.0261,
9.4713

■ 45.2799, 30.8498,
5.7028

■ 43.3631, 27.5146,
3.5275

■ 42.4097, 25.7609,
2.7371

Harmonies

Analogous

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



75.0259, 70.4082, 68.5478



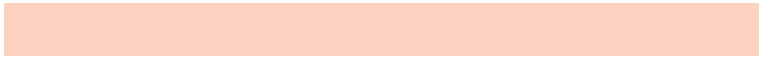
72.3447, 70.4082, 59.6463



68.2832, 70.4082, 55.4409

Triad

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



72.3447, 70.4082, 59.6463



59.0298, 70.4082, 72.8521



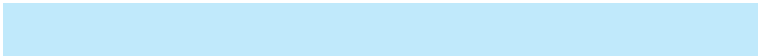
69.9039, 70.4082, 101.2349

Complementary

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



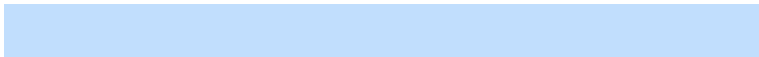
72.3447, 70.4082, 59.6463



68.2891, 76.4473, 102.4238

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.



65.5768, 70.4082, 102.7075



72.3447, 70.4082, 59.6463



59.4217, 70.4082, 85.3938

Square

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



72.3447, 70.4082, 59.6463



60.6806, 70.4082, 62.5046



61.7752, 70.4082, 96.6416



73.5750, 70.4082, 92.8117

Rectangle

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



72.3447, 70.4082, 59.6463



65.3917, 70.4082, 55.5174



61.7752, 70.4082, 96.6416



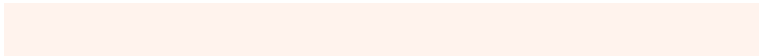
68.4737, 70.4082, 102.5923

Sweetspot

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



72.3466, 70.4114, 59.6478



88.4782, 91.2436, 93.1842



73.3848, 64.1097, 85.8229



18.8218, 19.3744, 19.6699



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.



72.3466, 70.4114, 59.6478



71.7743, 68.5529, 54.5770



80.2238, 86.1658, 62.2735



17.6765, 18.0889, 18.0223



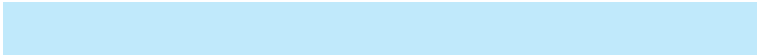
22.4042, 13.7650, 1.4761



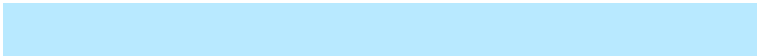
2.1642, 1.4533, 0.1665

Inverse Universe

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



68.2891, 76.4473, 102.4238



66.9201, 75.7584, 105.7035



60.6970, 61.2631, 99.8931



17.2926, 18.6621, 22.0760



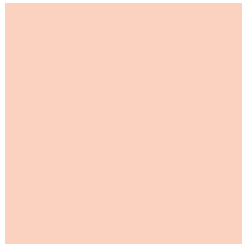
17.2845, 19.9245, 50.9084



1.6944, 2.0324, 4.7462

Previews

White Background



This preview shows how the XYZ color 72.3447, 70.4082, 59.6463 looks on a white background.

Color Contrast Check

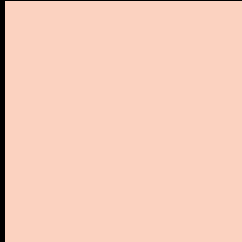
Large Text (above 18pt) WCAG AA × Fail

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 72.3447, 70.4082, 59.6463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

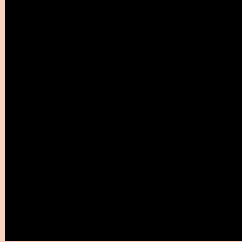
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3447, 70.4082, 59.6463

Background



This preview shows how black text looks on a background with the XYZ color 72.3447, 70.4082, 59.6463.



This preview shows how white text looks on a background with the XYZ color 72.3447, 70.4082,

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

72.3447, 70.4082, 59.6463

Protanopia

67.0301, 70.6223, 62.3232

Deuteranopia

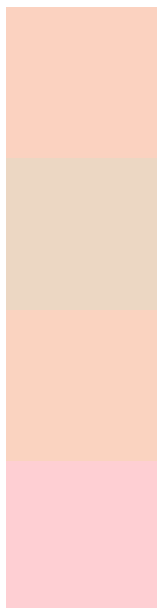
71.8756, 70.5340, 59.6953



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

72.3447, 70.4082, 59.6463

Protanomaly

68.7428, 70.3739, 61.5901

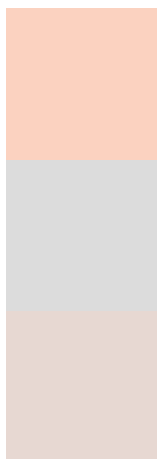
Deuteranomaly

72.2330, 70.7183, 59.7121

Tritanomaly

74.9437, 70.3996, 71.2665

Monochromacy



Original Color

72.3447, 70.4082, 59.6463

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1437, 70.7538, 70.9854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3447, 70.4082, 59.6463 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, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(251, 210, 192)  
}
```

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, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 210, 192) }
```

Border

The CSS property to change the border of an element to XYZ 72.3447, 70.4082, 59.6463 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, 210, 192) }
```


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

```
.border{ border-color:rgb(251, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(251, 210,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3447, 70.4082, 59.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 210, 192) }
```

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

```
.background{ background-color: rgb(251,  
210, 192) }
```

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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