

Converting Colors

XYZ(73.0322, 71.1281, 59.3303)

Have a look what the booklet for
XYZ(73.0322, 71.1281, 59.3303)
contains.

XYZ(72.8431, 71.0456, 59.1641) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(72.8431, 71.0456,
59.1641)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD3BF
RGB	252, 211, 191
RGB Percent	99%, 83%, 75%
CMY	0.0118, 0.1725, 0.2510
CMYK	0.00, 0.16, 0.24, 0.01
HSL	20°, 91%, 87%
HSV	20°, 24%, 99%
XYZ	72.8431, 71.0456, 59.1641
YIQ	220.9790, 30.8560, 2.4720

Conversions

Conversions Part 2

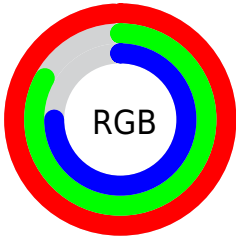
Format	Color
R _Y B	252, 221, 191
Decimal	16569279
CIE Lab	87.51, 11.41, 15.26
CIE LCh	88, 19.054, 53.199
Yxy	71.0456, 0.3587, 0.3499
Android (android.graphics.Color)	4294759359 (0xFFFC3BF)
YUV	220.9790, -14.7796, 27.2054
Hunter-Lab	84.2886, 6.7567, 17.3850

Details

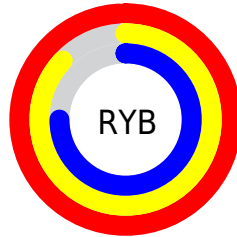
The XYZ color **72.8431, 71.0456, 59.1641** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9124, 75.8156, 103.1503**, and the grayscale version is **68.7994, 72.3823, 78.8244**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **38.9816, 37.2140, 29.1732** is the 20% darker color. If you saturate the color by 10%, you get **66.3173, 62.0565, 44.4638**, and if you desaturate by 10%, it is **80.2932, 81.1187, 76.5280**.

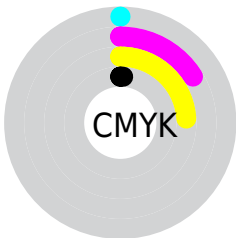
Distribution



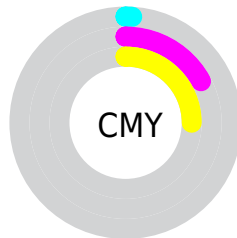
- Red (99%)
- Green (83%)
- Blue (75%)



- Red (99%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8431, 71.0456, 59.1641 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 72.8431, 71.0456, 59.1641 by changing the saturation by 10% instead.


 72.8431, 71.0456,
59.1641

 72.8431, 71.0456,
59.1641


459.5831,
464.2128, 439.2286

 54.1356, 52.3794,
42.3244


 122.2588,
120.6987, 105.1476

 38.9412, 37.3076,
29.0279


153.6977,
152.4543, 135.1284

 26.8945, 25.4457,
18.8562

190.1111,
189.3419, 170.3267

 17.6302, 16.4095,
11.3906

231.8643,
231.7458, 211.1609

 10.7829, 9.8144,
6.2128

279.3228,
280.0505, 258.0497

 5.9872, 5.2760,
2.9040

332.8518,

 2.8779, 2.4101,

334.6403, 311.4116

1.0458

392.8168,
395.8996, 371.6650

■ 1.0895, 0.8311,
0.0000

■ 0.0163, 0.0000,
0.0000

■ 72.8431, 71.0456,
59.1641

■ 72.8431, 71.0456,
59.1641

■ 66.3173, 62.0565,
44.4638

■ 80.2932, 81.1187,
76.5280

■ 60.6720, 54.1045,
32.2896

■ 88.6976, 92.3011,
96.6750

■ 55.8681, 47.1534,
22.4980

■ 93.9550, 99.4355,
108.8488

■ 51.8612, 41.1614,
14.9294

■ 48.6021, 36.0830,
9.4043

■ 46.0353, 31.8686,
5.7147

■ 44.0953, 28.4626,
3.6069

■ 43.2111, 26.8278,
2.9008

Harmonies

Analogous

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



75.7951, 71.0456, 68.0005



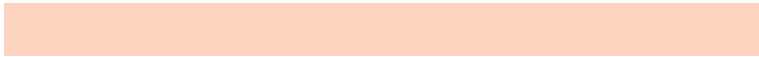
72.8431, 71.0456, 59.1641



68.5564, 71.0456, 55.2692

Triad

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



72.8431, 71.0456, 59.1641



59.2950, 71.0456, 74.4595



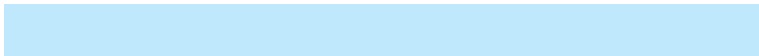
70.9926, 71.0456, 102.4391

Complementary

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



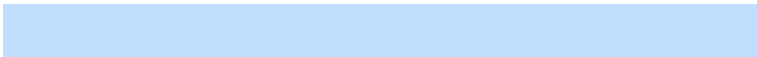
72.8431, 71.0456, 59.1641



67.9124, 75.8156, 103.1503

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.



66.5074, 71.0456, 104.6608



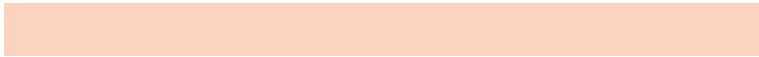
72.8431, 71.0456, 59.1641



59.8826, 71.0456, 87.5337

Square

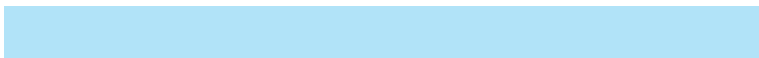
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8431, 71.0456, 59.1641



60.8332, 71.0456, 63.4429



62.4755, 71.0456, 98.9415



74.6940, 71.0456, 93.1689

Rectangle

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



72.8431, 71.0456, 59.1641



65.5704, 71.0456, 55.6539



62.4755, 71.0456, 98.9415



69.5216, 71.0456, 104.0744

Sweetspot

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



72.8450, 71.0488, 59.1656



88.5998, 91.4868, 93.2247



73.4390, 63.8229, 85.3028



18.8499, 19.4306, 19.6792



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.



72.8450, 71.0488, 59.1656



71.4893, 68.4056, 53.1787



80.9504, 87.2596, 61.8674



17.7095, 18.1548, 18.0332



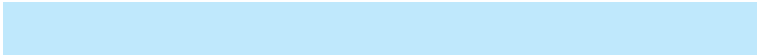
22.6283, 14.2132, 1.5508



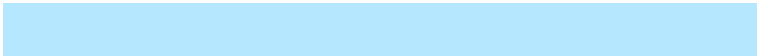
2.1882, 1.5013, 0.1744

Inverse Universe

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



67.9124, 75.8156, 103.1503



65.6232, 74.0606, 105.4442



60.2209, 60.4326, 100.5864



17.2580, 18.5929, 22.0645



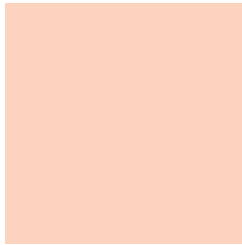
16.7183, 18.7921, 50.7197



1.6451, 1.9339, 4.7298

Previews

White Background



This preview shows how the XYZ color 72.8431, 71.0456, 59.1641 looks on a white background.

Color Contrast Check

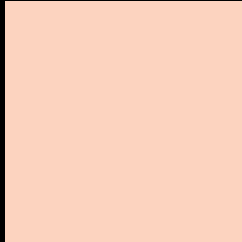
Large Text (above 18pt) WCAG AA × Fail

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 72.8431, 71.0456, 59.1641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

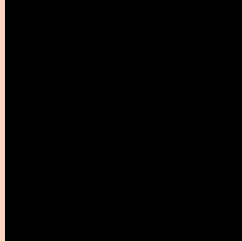
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8431, 71.0456, 59.1641

Background



This preview shows how black text looks on a background with the XYZ color 72.8431, 71.0456, 59.1641.



This preview shows how white text looks on a background with the XYZ color 72.8431, 71.0456,

59.1641.

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

72.8431, 71.0456, 59.1641

Protanopia

67.4949, 71.2612, 61.8272

Deuteranopia

72.4819, 70.8593, 59.1472



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

72.8431, 71.0456, 59.1641

Protanomaly

69.2185, 71.0113, 61.0973

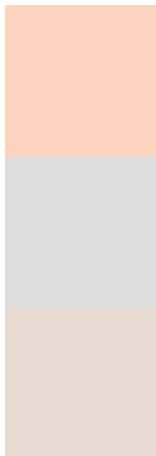
Deuteranomaly

72.4819, 70.8593, 59.1472

Tritanomaly

75.1868, 70.8857, 71.3476

Monochromacy



Original Color

72.8431, 71.0456, 59.1641

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.7244, 71.4347, 71.0862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8431, 71.0456, 59.1641 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(252, 211, 191)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 191)  
}
```

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(252, 211, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 191) }
```

Border

The CSS property to change the border of an element to XYZ 72.8431, 71.0456, 59.1641 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(252, 211, 191) }
```


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

```
.border{ border-color:rgb(252, 211, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 211, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 191);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8431, 71.0456, 59.1641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 191) }
```

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

```
.background{ background-color: rgb(252,  
211, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor