

Converting Colors

XYZ(72.2167, 74.1641, 59.4162)

Have a look what the booklet for
XYZ(72.2167, 74.1641, 59.4162)
contains.

XYZ(72.1957, 74.1372, 59.2200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.1957, 74.1372,
59.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DCBE
RGB	244, 220, 190
RGB Percent	96%, 86%, 75%
CMY	0.0431, 0.1372, 0.2549
CMYK	0.00, 0.10, 0.22, 0.04
HSL	33°, 71%, 85%
HSV	33°, 22%, 96%
XYZ	72.1957, 74.1372, 59.2200
YIQ	223.7560, 23.9340, -4.2420

Conversions

Conversions Part 2

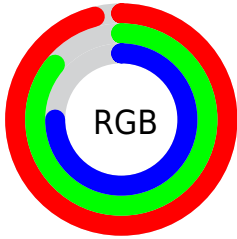
Format	Color
R _Y B	233, 244, 190
Decimal	16047294
CIE Lab	88.99, 3.67, 17.76
CIE LCh	89, 18.134, 78.309
Yxy	74.1372, 0.3512, 0.3607
Android (android.graphics.Color)	4294237374 (0xFFF4DCBE)
YUV	223.7560, -16.6417, 17.7540
Hunter-Lab	86.1030, -1.0113, 19.4935

Details

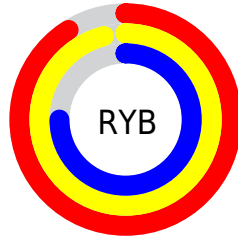
The XYZ color **72.1957, 74.1372, 59.2200** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.6105, 65.5703, 94.9975**, and the grayscale version is **70.7821, 74.4682, 81.0959**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **38.4640, 39.2812, 29.2217** is the 20% darker color. If you saturate the color by 10%, you get **66.9955, 67.6531, 45.4125**, and if you desaturate by 10%, it is **78.0309, 81.1757, 75.4435**.

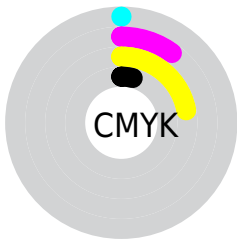
Distribution



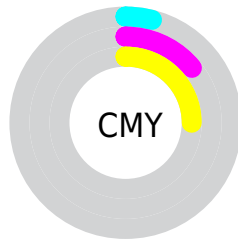
- Red (96%)
- Green (86%)
- Blue (75%)



- Red (91%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1957, 74.1372, 59.2200 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 72.1957, 74.1372, 59.2200 by changing the saturation by 10% instead.


 72.1957, 74.1372,
59.2200

 72.1957, 74.1372,
59.2200


457.3695,
474.9468, 439.4413

 53.6046, 54.9063,
42.3691


 121.3440,
125.0903, 105.2296

 38.5150, 39.3267,
29.0627


152.6319,
157.5813, 135.2254

 26.5617, 27.0140,
18.8822


188.8828,
195.2611, 170.4398

 17.3792, 17.5837,
11.4093

230.4621,
238.5142, 211.2915

 10.6022, 10.6516,
6.2252

277.7350,
287.7249, 258.1989

 5.8653, 5.8330,
2.9115

331.0670,

 2.8032, 2.7438,

343.2777, 311.5807

1.0496

390.8234,
405.5568, 371.8553

■ 1.0506, 0.9995,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1957, 74.1372,
59.2200

■ 72.1957, 74.1372,
59.2200

■ 66.9955, 67.6531,
45.4125

■ 78.0309, 81.1757,
75.4435

■ 62.3988, 61.6976,
33.8981

■ 84.5192, 88.7737,
94.1884

■ 58.3798, 56.2572,
24.5503

■ 90.3364, 96.4091,
108.4553

■ 54.9083, 51.3140,
17.2281

■ 91.1184, 97.9732,
108.7160

■ 51.9508, 46.8485,
11.7736

■ 49.4690, 42.8390,
8.0052

■ 47.4177, 39.2609,
5.7041

■ 46.0533, 36.7229,
4.6610

Harmonies

Analogous

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



76.2509, 74.1372, 63.9279



72.1957, 74.1372, 59.2200



67.8374, 74.1372, 59.8116

Triad

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



72.1957, 74.1372, 59.2200



62.7250, 74.1372, 88.5864



76.9821, 74.1372, 97.9579

Complementary

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



72.1957, 74.1372, 59.2200



61.6105, 65.5703, 94.9975

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.



73.1599, 74.1372, 106.0152



72.1957, 74.1372, 59.2200



64.9798, 74.1372, 100.2282

Square

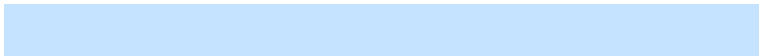
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1957, 74.1372, 59.2200



62.4911, 74.1372, 75.9059



68.7625, 74.1372, 106.8869



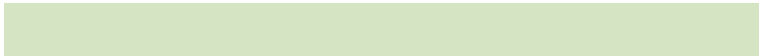
79.0903, 74.1372, 85.7393

Rectangle

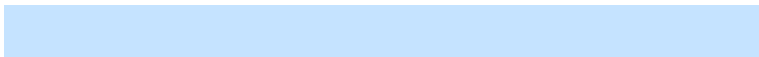
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1957, 74.1372, 59.2200



65.3433, 74.1372, 63.1433



68.7625, 74.1372, 106.8869



75.8479, 74.1372, 101.2952

Sweetspot

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



72.1977, 74.1405, 59.2216



89.8296, 93.9465, 93.6347



67.8984, 60.9313, 72.0025



19.1346, 19.9998, 19.7741



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.



72.1977, 74.1405, 59.2216



76.8839, 78.3415, 57.6072



78.0237, 87.1732, 61.4301



17.2628, 18.0096, 17.3639



25.1797, 20.2449, 2.5805



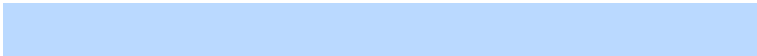
2.3155, 1.9842, 0.2609

Inverse Universe

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



61.6105, 65.5703, 94.9975



63.0830, 67.1716, 104.2483



56.6594, 54.6577, 93.1521



16.1873, 17.1389, 20.9975



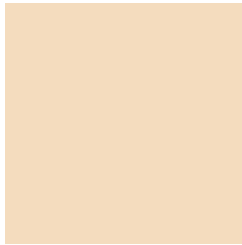
11.9505, 9.6948, 47.7794



1.1511, 1.0537, 4.2329

Previews

White Background



This preview shows how the XYZ color 72.1957, 74.1372, 59.2200 looks on a white background.

Color Contrast Check

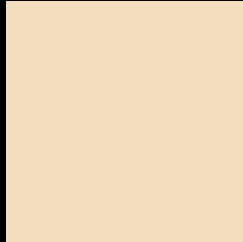
Large Text (above 18pt) WCAG AA × Fail

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 72.1957, 74.1372, 59.2200 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 72.1957, 74.1372, 59.2200

Background



This preview shows how black text looks on a background with the XYZ color 72.1957, 74.1372, 59.2200.



This preview shows how white text looks on a background with the XYZ color 72.1957, 74.1372,

59.2200.

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

72.1957, 74.1372, 59.2200

Protanopia

70.0526, 74.1991, 59.9199

Deuteranopia

75.4215, 74.2220, 60.8032



Tritanopia

77.5373, 74.0024, 85.7985

Trichromacy



Original Color

72.1957, 74.1372, 59.2200

Protanomaly

70.7851, 74.1813, 59.8779

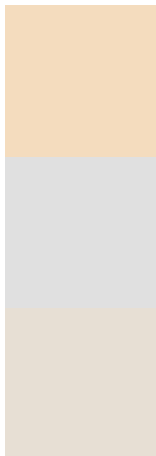
Deuteranomaly

74.1109, 73.9407, 60.2351

Tritanomaly

75.3083, 73.8438, 75.2498

Monochromacy



Original Color

72.1957, 74.1372, 59.2200

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.2263, 74.5177, 72.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1957, 74.1372, 59.2200 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(244, 220, 190) looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 190)  
}
```

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(244, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 190) }
```

Border

The CSS property to change the border of an element to XYZ 72.1957, 74.1372, 59.2200 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(244, 220, 190) }
```


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

```
.border{ border-color:rgb(244, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1957, 74.1372, 59.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 190) }
```

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

```
.background{ background-color: rgb(244,  
220, 190) }
```

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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