

Converting Colors

XYZ(54.3943, 55.0874, 71.7544)

Have a look what the booklet for
XYZ(54.3943, 55.0874, 71.7544)
contains.

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Color

**XYZ(54.3617, 54.9165,
72.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C1D7
RGB	197, 193, 215
RGB Percent	77%, 76%, 84%
CMY	0.2274, 0.2431, 0.1569
CMYK	0.08, 0.10, 0.00, 0.16
HSL	251°, 22%, 80%
HSV	251°, 10%, 84%
XYZ	54.3617, 54.9165, 72.0248
YIQ	196.7040, -4.6780, 7.6900

Conversions

Conversions Part 2

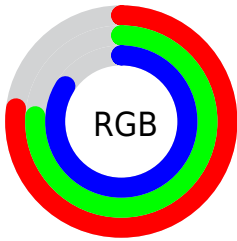
Format	Color
R _Y B	197, 193, 215
Decimal	12960215
CIE Lab	78.99, 5.59, -10.48
CIE LCh	79, 11.876, 298.052
Yxy	54.9165, 0.2998, 0.3029
Android (android.graphics.Color)	4291150295 (0xFFC5C1D7)
YUV	196.7040, 9.0199, 0.2596
Hunter-Lab	74.1057, 1.2573, -5.7512

Details

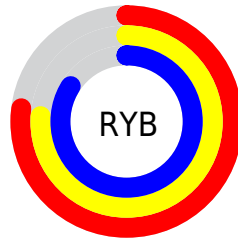
The XYZ color **54.3617, 54.9165, 72.0248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7919, 66.3014, 60.0480**, and the grayscale version is **52.8432, 55.5952, 60.5431**.

A 20% lighter version of the original color is **92.7987, 96.0422, 108.2547**, and **27.0509, 27.1339, 37.0693** is the 20% darker color. If you saturate the color by 10%, you get **45.6094, 43.8556, 70.3520**, and if you desaturate by 10%, it is **64.3459, 67.6411, 73.9555**.

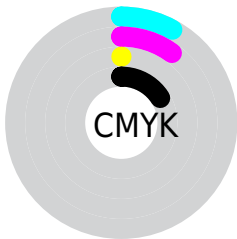
Distribution



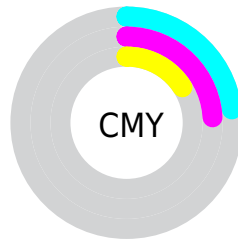
- Red (77%)
- Green (76%)
- Blue (84%)



- Red (77%)
- Yellow (76%)
- Blue (84%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3617, 54.9165, 72.0248 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 54.3617, 54.9165, 72.0248 by changing the saturation by 10% instead.

■ 54.3617, 54.9165,
72.0248

■ 54.3617, 54.9165,
72.0248

393.6637,
405.5953, 486.6078

■ 39.1227, 39.3349,
52.6920

■ 95.7589, 97.4186,
123.7998

■ 27.0364, 27.0203,
37.1709

122.6478,
125.1079, 157.0791

■ 17.7373, 17.5885,
25.0430

154.1508,
157.6018, 195.8443

■ 10.8601, 10.6550,
15.8898

190.6332,
195.2848, 240.5140

■ 6.0394, 5.8353,
9.2927

232.4603,
238.5413, 291.5066

■ 2.9100, 2.7452,
4.8332

279.9975,

■ 1.1063, 1.0002,

287.7556, 349.2407

2.0927

333.6102,
343.3121, 414.1350

■ 0.0304, 0.0000,
0.6114

■ 0.0000, 0.0000,
0.0000

■ 54.3617, 54.9165,
72.0248

■ 54.3617, 54.9165,
72.0248

■ 45.6094, 43.8556,
70.3520

■ 64.3459, 67.6411,
73.9555

■ 38.0359, 34.3825,
68.9227

■ 75.6023, 82.0872,
76.1506

■ 31.5917, 26.4260,
67.7265

■ 87.3716, 96.7098,
78.3528

■ 26.2215, 19.9063,
66.7511

■ 89.2659, 97.6864,
78.4414

■ 21.8656, 14.7366,
65.9829

■ 18.4579, 10.8204,
65.4066

■ 15.9245, 8.0482,
65.0050

■ 14.1796, 6.2911,
64.7578

■ 13.1054, 5.3391,
64.6307

Harmonies

Analogous

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



52.0422, 54.9165, 73.7600



54.3617, 54.9165, 72.0248



56.1461, 54.9165, 66.9454

Triad

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



54.3617, 54.9165, 72.0248



54.6370, 54.9165, 49.4224



47.7875, 54.9165, 59.3536

Complementary

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



54.3617, 54.9165, 72.0248



60.7919, 66.3014, 60.0480

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.



48.4366, 54.9165, 53.1723



54.3617, 54.9165, 72.0248



52.3511, 54.9165, 47.7138

Square

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



54.3617, 54.9165, 72.0248



56.3084, 54.9165, 53.8838



50.0895, 54.9165, 49.0340



48.2898, 54.9165, 66.1229

Rectangle

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



54.3617, 54.9165, 72.0248



56.7673, 54.9165, 62.5284



50.0895, 54.9165, 49.0340



47.8778, 54.9165, 57.1420

Sweetspot

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



54.3633, 54.9188, 72.0260



90.3923, 94.0478, 107.9966



57.6370, 62.9996, 73.4132



19.0874, 19.7980, 23.0653



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.



54.3633, 54.9188, 72.0260



77.4339, 77.5631, 105.4977



57.2563, 56.4102, 72.1614



11.9510, 12.1162, 15.6463



7.9030, 3.2266, 38.6594



0.5411, 0.2278, 2.3348

Inverse Universe

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



58.8540, 57.2925, 69.5871



85.1707, 81.6536, 101.2536



57.8364, 64.7778, 59.9097



12.8517, 12.5922, 15.1592



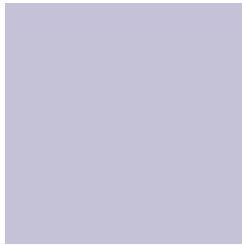
21.4808, 10.5287, 25.6339



1.3214, 0.6454, 1.6820

Previews

White Background



This preview shows how the XYZ color 54.3617, 54.9165, 72.0248 looks on a white background.

Color Contrast Check

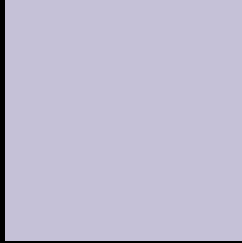
Large Text (above 18pt) WCAG AA × Fail

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 54.3617, 54.9165, 72.0248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

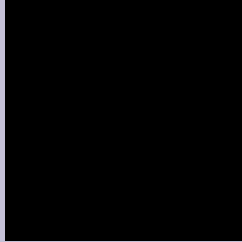
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3617, 54.9165, 72.0248

Background



This preview shows how black text looks on a background with the XYZ color 54.3617, 54.9165, 72.0248.



This preview shows how white text looks on a background with the XYZ color 54.3617, 54.9165,

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

54.3617, 54.9165, 72.0248

Protanopia

53.6788, 54.8789, 72.7293

Deuteranopia

55.9850, 54.7639, 72.5855



Tritanopia

53.5654, 54.9228, 68.0996

Trichromacy



Original Color

54.3617, 54.9165, 72.0248

Protanomaly

53.9346, 55.0108, 72.7412

Deuteranomaly

55.3826, 54.7760, 72.6196

Tritanomaly

53.8146, 55.0225, 69.4121

Monochromacy



Original Color

54.3617, 54.9165, 72.0248

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6650, 55.7098, 65.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3617, 54.9165, 72.0248 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(197, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(197, 193, 215)  
}
```

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(197, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 193, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.3617, 54.9165, 72.0248 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(197, 193, 215) }
```


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

```
.border{ border-color:rgb(197, 193, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(197, 193,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3617, 54.9165, 72.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 193, 215) }
```

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

```
.background{ background-color: rgb(197,  
193, 215) }
```

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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