

Converting Colors

XYZ(53.5498, 54.8273, 72.0503)

Have a look what the booklet for
XYZ(53.5498, 54.8273, 72.0503)
contains.

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Color

**XYZ(53.5498, 54.8273,
72.0503)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C2D7
RGB	193, 194, 215
RGB Percent	76%, 76%, 84%
CMY	0.2431, 0.2392, 0.1569
CMYK	0.10, 0.10, 0.00, 0.16
HSL	237°, 22%, 80%
HSV	237°, 10%, 84%
XYZ	53.5498, 54.8273, 72.0503
YIQ	196.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

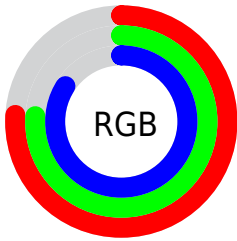
Format	Color
RYB	193, 194, 215
Decimal	12698327
CIELab	78.94, 3.73, -10.59
CIELCh	79, 11.228, 289.404
Yxy	54.8273, 0.2968, 0.3039
Android (android.graphics.Color)	4290888407 (0xFFC1C2D7)
YUV	196.0950, 9.3202, -2.7143
Hunter-Lab	74.0455, -0.4881, -5.8606

Details

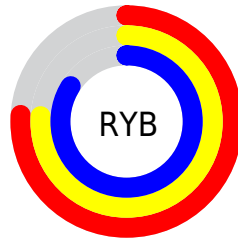
The XYZ color **53.5498, 54.8273, 72.0503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6967, 66.3899, 60.0158**, and the grayscale version is **52.4766, 55.2095, 60.1232**.

A 20% lighter version of the original color is **91.6599, 95.9152, 108.2902**, and **26.3707, 26.7832, 37.0375** is the 20% darker color. If you saturate the color by 10%, you get **44.2066, 43.6940, 70.3946**, and if you desaturate by 10%, it is **64.3237, 67.6372, 73.9559**.

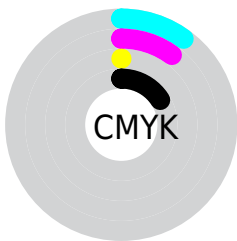
Distribution



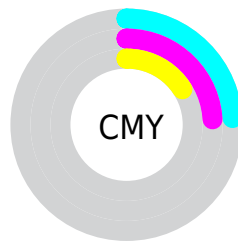
- Red (76%)
- Green (76%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5498, 54.8273, 72.0503 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 53.5498, 54.8273, 72.0503 by changing the saturation by 10% instead.

■ 53.5498, 54.8273,
72.0503

■ 53.5498, 54.8273,
72.0503

390.6173,
405.2570, 486.6989

■ 38.4711, 39.2635,
52.7127

■ 94.5737, 97.2879,
123.8364

■ 26.5274, 26.9648,
37.1873

121.2496,
124.9534, 157.1220

■ 17.3533, 17.5468,
25.0556

152.5219,
157.4216, 195.8940

■ 10.5836, 10.6251,
15.8991

188.7560,
195.0770, 240.5709

■ 5.8528, 5.8153,
9.2992

230.3172,
238.3037, 291.5714

■ 2.7956, 2.7331,
4.8374

277.5709,

■ 1.0466, 0.9940,

287.4864, 349.3138

2.0951

330.8825,
343.0094, 414.2168

■ 0.0000, 0.0000,
0.6128

■ 0.0000, 0.0000,
0.0000

■ 53.5498, 54.8273,
72.0503

■ 53.5498, 54.8273,
72.0503

■ 44.2066, 43.6940,
70.3946

■ 64.3237, 67.6372,
73.9559

■ 36.2292, 34.1613,
68.9751

■ 76.5797, 82.1818,
76.1173

■ 29.5552, 26.1578,
67.7820

■ 89.2659, 97.6864,
78.4413

■ 24.1152, 19.6038,
66.8037

■ 19.8336, 14.4126,
66.0274

■ 16.6262, 10.4881,
65.4389

■ 14.3976, 7.7217,
65.0224

■ 13.0355, 5.9865,
64.7593

■ 12.3723, 5.1191,
64.6268

Harmonies

Analogous

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



51.3269, 54.8273, 72.6052



53.5498, 54.8273, 72.0503



55.4371, 54.8273, 68.0536

Triad

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



53.5498, 54.8273, 72.0503



54.9531, 54.8273, 50.8471



48.0081, 54.8273, 57.4670

Complementary

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



53.5498, 54.8273, 72.0503



61.6967, 66.3899, 60.0158

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.



48.9220, 54.8273, 52.0552



53.5498, 54.8273, 72.0503



52.9044, 54.8273, 48.4183

Square

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



53.5498, 54.8273, 72.0503



56.2631, 54.8273, 55.7086



50.6996, 54.8273, 48.8442



48.1697, 54.8273, 63.8726

Rectangle

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



53.5498, 54.8273, 72.0503



56.2310, 54.8273, 64.1242



50.6996, 54.8273, 48.8442



48.1987, 54.8273, 55.4796

Sweetspot

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



53.5514, 54.8296, 72.0515



90.0062, 94.0075, 108.0092



58.4185, 64.7892, 72.9788



18.9837, 19.7871, 23.0687



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.



53.5514, 54.8296, 72.0515



76.0552, 77.4125, 105.5413



55.9380, 55.7297, 72.0995



11.7876, 12.0985, 15.6515



7.4209, 3.1036, 38.6611



0.4639, 0.2199, 2.3373

Inverse Universe

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



56.8331, 56.4832, 58.9485



81.7026, 80.2663, 82.9907



59.1314, 65.4454, 59.9687



12.4460, 12.4299, 13.0227



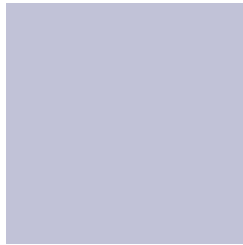
16.8046, 8.6582, 1.0091



1.0218, 0.5255, 0.1043

Previews

White Background



This preview shows how the XYZ color 53.5498, 54.8273, 72.0503 looks on a white background.

Color Contrast Check

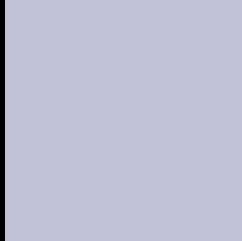
Large Text (above 18pt) WCAG AA × Fail

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 53.5498, 54.8273, 72.0503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

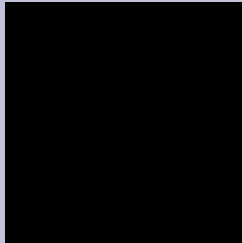
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5498, 54.8273, 72.0503

Background



This preview shows how black text looks on a background with the XYZ color 53.5498, 54.8273, 72.0503.

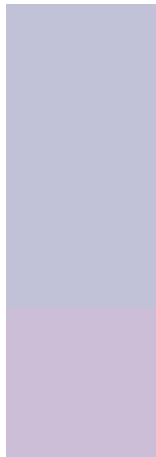


This preview shows how white text looks on a background with the XYZ color 53.5498, 54.8273,

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

53.5498, 54.8273, 72.0503

Protanopia

53.5498, 54.8273, 72.0503

Deuteranopia

55.9850, 54.7639, 72.5855



Tritanopia

52.8862, 54.8898, 68.7802

Trichromacy



Original Color

53.5498, 54.8273, 72.0503

Protanomaly

53.5498, 54.8273, 72.0503

Deuteranomaly

55.1129, 54.6370, 72.6070

Tritanomaly

53.1370, 54.9901, 70.1009

Monochromacy



Original Color

53.5498, 54.8273, 72.0503

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8003, 54.9441, 64.3223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5498, 54.8273, 72.0503 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(193, 194, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 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(193, 194, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 215) }
```

Border

The CSS property to change the border of an element to XYZ 53.5498, 54.8273, 72.0503 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(193, 194, 215) }
```


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

```
.border{ border-color:rgb(193, 194, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 194, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5498, 54.8273, 72.0503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 215) }
```

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

```
.background{ background-color: rgb(193,  
194, 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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