

Converting Colors

XYZ(54.0751, 54.7887, 73.0562)

Have a look what the booklet for
XYZ(54.0751, 54.7887, 73.0562)
contains.

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Color

**XYZ(54.1000, 54.7518,
73.3624)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C1D9
RGB	195, 193, 217
RGB Percent	76%, 76%, 85%
CMY	0.2353, 0.2431, 0.1490
CMYK	0.10, 0.11, 0.00, 0.15
HSL	245°, 24%, 80%
HSV	245°, 11%, 85%
XYZ	54.1000, 54.7518, 73.3624
YIQ	196.3340, -6.5120, 7.8880

Conversions

Conversions Part 2

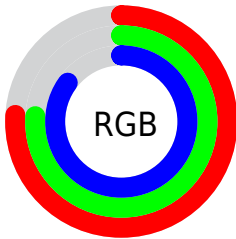
Format	Color
RYB	195, 193, 217
Decimal	12829145
CIELab	78.90, 5.33, -11.72
CIELCh	79, 12.872, 294.451
Yxy	54.7518, 0.2969, 0.3005
Android (android.graphics.Color)	4291019225 (0xFFC3C1D9)
YUV	196.3340, 10.1883, -1.1699
Hunter-Lab	73.9945, 1.0174, -6.9874

Details

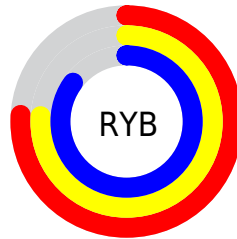
The XYZ color **54.1000, 54.7518, 73.3624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4649, 67.9245, 60.2732**, and the grayscale version is **52.6147, 55.3548, 60.2813**.

A 20% lighter version of the original color is **92.0706, 95.6668, 108.2206**, and **26.8842, 27.0275, 37.9823** is the 20% darker color. If you saturate the color by 10%, you get **44.8484, 43.3772, 71.6553**, and if you desaturate by 10%, it is **64.7436, 67.8917, 75.3385**.

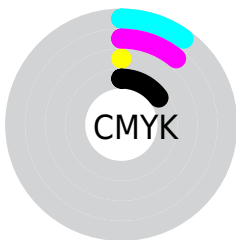
Distribution



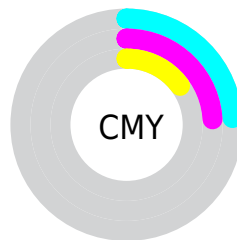
- Red (76%)
- Green (76%)
- Blue (85%)



- Red (76%)
- Yellow (76%)
- Blue (85%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1000, 54.7518, 73.3624 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 54.1000, 54.7518, 73.3624 by changing the saturation by 10% instead.

■ 54.1000, 54.7518,
73.3624

■ 54.1000, 54.7518,
73.3624

392.6834,
404.9704, 491.3743

■ 38.9126, 39.2030,
53.7787

■ 95.3771, 97.1772,
125.7172

■ 26.8722, 26.9177,
38.0328

122.1975,
124.8226, 159.3255

■ 17.6133, 17.5114,
25.7061

153.6263,
157.2691, 198.4456

■ 10.7707, 10.5998,
16.3801

190.0288,
194.9010, 243.4963

■ 5.9790, 5.7984,
9.6363

231.7704,
238.1026, 294.8959

■ 2.8729, 2.7229,
5.0560

279.2165,

■ 1.0869, 0.9888,

287.2585, 353.0631

2.2209

332.7323,
342.7530, 418.4164

■ 0.0141, 0.0000,
0.6864

■ 0.0000, 0.0000,
0.0000

■ 54.1000, 54.7518,
73.3624

■ 54.1000, 54.7518,
73.3624

■ 44.8484, 43.3772,
71.6553

■ 64.7436, 67.8917,
75.3385

■ 36.9264, 33.6861,
70.2023

■ 76.8283, 82.8606,
77.5909

■ 30.2743, 25.6006,
68.9923

■ 89.4084, 97.7300,
79.7979

■ 24.8259, 19.0337,
68.0119

■ 89.5245, 97.7898,
79.8034

■ 20.5088, 13.8904,
67.2467

■ 17.2429, 10.0648,
66.6804

■ 14.9376, 7.4362,
66.2945

■ 13.4866, 5.8617,
66.0671

■ 12.7751, 5.1390,
65.9651

Harmonies

Analogous

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



51.5663, 54.7518, 74.7443



54.1000, 54.7518, 73.3624



56.1402, 54.7518, 68.1754

Triad

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



54.1000, 54.7518, 73.3624



54.9488, 54.7518, 48.8851



47.3018, 54.7518, 58.2652

Complementary

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



54.1000, 54.7518, 73.3624



62.4649, 67.9245, 60.2732

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.



48.1443, 54.7518, 51.8037



54.1000, 54.7518, 73.3624



52.5164, 54.7518, 46.6795

Square

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



54.1000, 54.7518, 73.3624



56.6414, 54.7518, 53.9793



50.0329, 54.7518, 47.7028



47.6947, 54.7518, 65.6308

Rectangle

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



54.1000, 54.7518, 73.3624



56.9178, 54.7518, 63.4671



50.0329, 54.7518, 47.7028



47.4490, 54.7518, 55.9228

Sweetspot

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



54.1016, 54.7541, 73.3636



90.1246, 93.9098, 107.9841



58.9208, 65.1535, 75.1169



19.0155, 19.7609, 23.0620



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.



54.1016, 54.7541, 73.3636



75.0610, 75.3277, 105.1913



57.2168, 56.3600, 73.5094



12.4386, 12.6687, 16.4419



7.7695, 3.1295, 39.9330



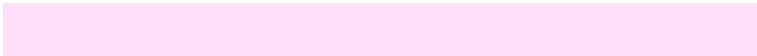
0.5390, 0.2211, 2.5887

Inverse Universe

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



59.9529, 57.8004, 72.2895



84.9304, 80.4665, 103.3512



59.1779, 66.2300, 60.1194



13.5652, 13.2552, 16.2375



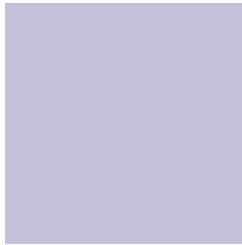
23.5775, 11.4320, 33.7507



1.5416, 0.7463, 2.2608

Previews

White Background



This preview shows how the XYZ color 54.1000, 54.7518, 73.3624 looks on a white background.

Color Contrast Check

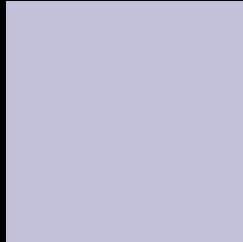
Large Text (above 18pt) WCAG AA × Fail

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 54.1000, 54.7518, 73.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

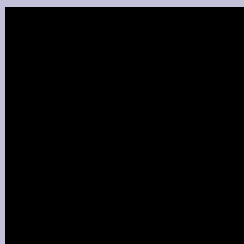
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1000, 54.7518, 73.3624

Background



This preview shows how black text looks on a background with the XYZ color 54.1000, 54.7518, 73.3624.

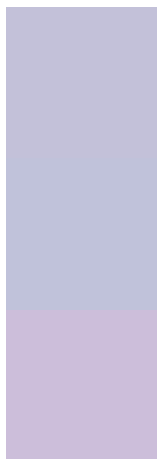


This preview shows how white text looks on a background with the XYZ color 54.1000, 54.7518,

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

54.1000, 54.7518, 73.3624

Protanopia

53.6849, 54.8520, 74.0877

Deuteranopia

55.9702, 54.7262, 73.9429



Tritanopia

53.1728, 54.7061, 68.7296

Trichromacy



Original Color

54.1000, 54.7518, 73.3624

Protanomaly

53.9390, 54.9830, 74.0996

Deuteranomaly

55.3731, 54.7411, 73.9773

Tritanomaly

53.5502, 54.8570, 70.7169

Monochromacy



Original Color

54.1000, 54.7518, 73.3624

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1791, 55.1256, 64.9642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1000, 54.7518, 73.3624 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(195, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 217)  
}
```

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(195, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.1000, 54.7518, 73.3624 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(195, 193, 217) }
```


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

```
.border{ border-color:rgb(195, 193, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1000, 54.7518, 73.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 217) }
```

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

```
.background{ background-color: rgb(195,  
193, 217) }
```

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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