

Converting Colors

XYZ(54.7505, 53.4715, 70.9595)

Have a look what the booklet for
XYZ(54.7505, 53.4715, 70.9595)
contains.

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Color

**XYZ(54.7494, 53.5180,
71.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBCD6
RGB	203, 188, 214
RGB Percent	80%, 74%, 84%
CMY	0.2039, 0.2627, 0.1608
CMYK	0.05, 0.12, 0.00, 0.16
HSL	275°, 24%, 79%
HSV	275°, 12%, 84%
XYZ	54.7494, 53.5180, 71.0627
YIQ	195.4490, 0.5940, 11.2660

Conversions

Conversions Part 2

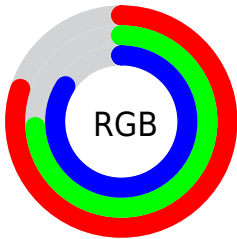
Format	Color
R _Y B	203, 188, 214
Decimal	13352150
CIE Lab	78.18, 10.08, -11.10
CIE LCh	78, 14.994, 312.218
Yxy	53.5180, 0.3053, 0.2984
Android (android.graphics.Color)	4291542230 (0xFFCBBBCD6)
YUV	195.4490, 9.1456, 6.6222
Hunter-Lab	73.1560, 5.5651, -6.3843

Details

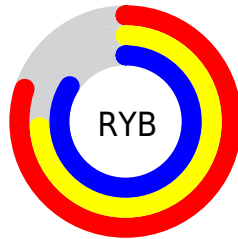
The XYZ color **54.7494, 53.5180, 71.0627** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.6788, 63.8675, 56.9200**, and the grayscale version is **52.0878, 54.8004, 59.6776**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **27.3164, 26.2207, 36.4223** is the 20% darker color. If you saturate the color by 10%, you get **48.1186, 43.8102, 69.5392**, and if you desaturate by 10%, it is **62.2053, 64.6604, 72.8212**.

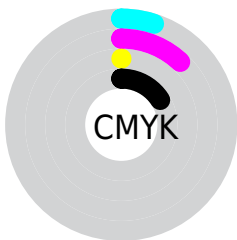
Distribution



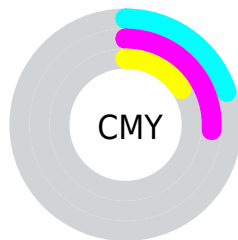
- Red (80%)
- Green (74%)
- Blue (84%)



- Red (80%)
- Yellow (74%)
- Blue (84%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7494, 53.5180, 71.0627 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 54.7494, 53.5180, 71.0627 by changing the saturation by 10% instead.

■ 54.7494, 53.5180,
71.0627

■ 54.7494, 53.5180,
71.0627

395.1132,
400.2693, 483.1622

■ 39.4342, 38.2164,
51.9112

■ 96.3242, 95.3662,
122.4183

■ 27.2799, 26.1507,
36.5526

123.3144,
122.6816, 155.4595

■ 17.9212, 16.9364,
24.5682

154.9270,
154.7704, 193.9676

■ 10.9928, 10.1892,
15.5395

191.5273,
192.0170, 238.3613

■ 6.1292, 5.5246,
9.0481

233.4808,
234.8058, 289.0591

■ 2.9652, 2.5582,
4.6753

281.1527,

■ 1.1354, 0.9057,

283.5212, 346.4795

2.0027

334.9083,
338.5476, 411.0410

■ 0.0544, 0.0000,
0.5569

■ 0.0000, 0.0000,
0.0000

■ 54.7494, 53.5180,
71.0627

■ 54.7494, 53.5180,
71.0627

■ 48.1186, 43.8102,
69.5392

■ 62.2053, 64.6604,
72.8212

■ 42.2759, 35.4693,
68.2372

■ 70.5118, 77.2874,
74.8207

■ 37.1886, 28.4325,
67.1471

■ 79.6990, 91.4553,
77.0712

■ 32.8193, 22.6293,
66.2572

■ 83.5690, 94.7643,
77.5059

■ 29.1274, 17.9820,
65.5548

■ 86.7070, 96.3820,
77.6528

■ 26.0677, 14.4043,
65.0255

■ 89.1377, 97.6351,
77.7665

■ 23.5883, 11.7967,
64.6529

■ 21.6276, 10.0404,
64.4172

■ 20.3710, 9.0995,
64.3018

Harmonies

Analogous

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



52.0695, 53.5180, 75.5149



54.7494, 53.5180, 71.0627



56.4253, 53.5180, 63.3419

Triad

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



54.7494, 53.5180, 71.0627



52.6080, 53.5180, 44.2130



45.5551, 53.5180, 61.7555

Complementary

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



54.7494, 53.5180, 71.0627



56.6788, 63.8675, 56.9200

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.



45.6867, 53.5180, 53.4801



54.7494, 53.5180, 71.0627



49.6837, 53.5180, 43.8766

Square

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



54.7494, 53.5180, 71.0627



55.1567, 53.5180, 48.0843



47.1731, 53.5180, 47.1163



46.8062, 53.5180, 69.8057

Rectangle

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



54.7494, 53.5180, 71.0627



56.7098, 53.5180, 57.6494



47.1731, 53.5180, 47.1163



45.4405, 53.5180, 58.8991

Sweetspot

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



54.7510, 53.5203, 71.0639



90.3119, 92.8545, 107.7705



53.3635, 56.5182, 71.7157



19.1447, 19.5957, 23.0233



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.



54.7510, 53.5203, 71.0639



78.3328, 75.0356, 104.9625



57.6336, 55.0318, 70.0494



12.4218, 12.3588, 15.6683



12.4340, 5.5625, 38.8715



0.8436, 0.3838, 2.3489

Inverse Universe

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



56.0254, 54.3885, 61.5807



80.6871, 76.6364, 87.5813



54.0527, 62.4919, 57.7784



12.6391, 12.5071, 14.0398



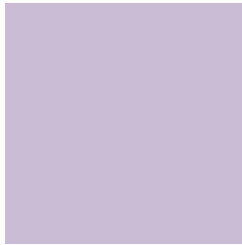
17.9411, 9.1128, 6.9940



1.1230, 0.5660, 0.6371

Previews

White Background



This preview shows how the XYZ color 54.7494, 53.5180, 71.0627 looks on a white background.

Color Contrast Check

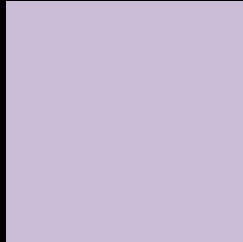
Large Text (above 18pt) WCAG AA × Fail

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 54.7494, 53.5180, 71.0627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

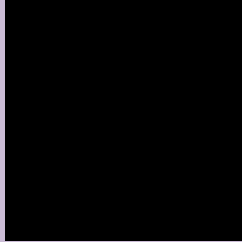
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7494, 53.5180, 71.0627

Background



This preview shows how black text looks on a background with the XYZ color 54.7494, 53.5180, 71.0627.



This preview shows how white text looks on a background with the XYZ color 54.7494, 53.5180,

71.0627.

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

54.7494, 53.5180, 71.0627

Protanopia

52.6092, 53.6562, 73.2295

Deuteranopia

54.7494, 53.5180, 71.0627



Tritanopia

53.7900, 53.7912, 65.3053

Trichromacy



Original Color

54.7494, 53.5180, 71.0627

Protanomaly

53.5311, 53.8216, 72.5330

Deuteranomaly

54.7494, 53.5180, 71.0627

Tritanomaly

53.9399, 53.5058, 67.1592

Monochromacy



Original Color

54.7494, 53.5180, 71.0627

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7990, 53.9693, 63.5114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7494, 53.5180, 71.0627 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(203, 188, 214)` looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 214)  
}
```

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(203, 188, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.7494, 53.5180, 71.0627 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(203, 188, 214) }
```


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

```
.border{ border-color:rgb(203, 188, 214) }
```

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

Here you see how a box with a 4 pixel rgb(203, 188, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 214);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7494, 53.5180, 71.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 214) }
```

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

```
.background{ background-color: rgb(203,  
188, 214) }
```

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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