

Converting Colors

XYZ(53.7334, 55.0397, 71.4863)

Have a look what the booklet for
XYZ(53.7334, 55.0397, 71.4863)
contains.

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Color

**XYZ(53.6775, 54.9079,
71.3875)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2D6
RGB	194, 194, 214
RGB Percent	76%, 76%, 84%
CMY	0.2392, 0.2392, 0.1608
CMYK	0.09, 0.09, 0.00, 0.16
HSL	240°, 20%, 80%
HSV	240°, 9%, 84%
XYZ	53.6775, 54.9079, 71.3875
YIQ	196.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

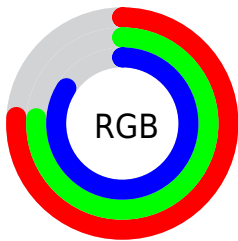
Format	Color
RYB	194, 194, 214
Decimal	12763862
CIELab	78.99, 3.86, -9.97
CIELCh	79, 10.694, 291.146
Yxy	54.9079, 0.2983, 0.3051
Android (android.graphics.Color)	4290953942 (0xFFC2C2D6)
YUV	196.2800, 8.7360, -1.9996
Hunter-Lab	74.0999, -0.3704, -5.2498

Details

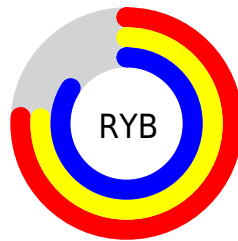
The XYZ color **53.6775, 54.9079, 71.3875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5160, 66.2839, 60.5918**, and the grayscale version is **52.5906, 55.3295, 60.2538**.

A 20% lighter version of the original color is **92.0193, 96.1004, 108.3070**, and **26.4513, 26.8348, 36.5864** is the 20% darker color. If you saturate the color by 10%, you get **44.1517, 43.4307, 69.6751**, and if you desaturate by 10%, it is **64.6831, 68.1688, 73.3679**.

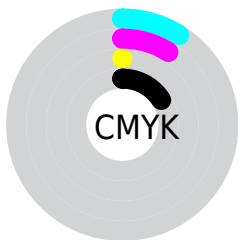
Distribution



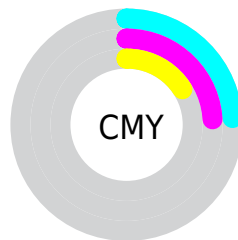
- Red (76%)
- Green (76%)
- Blue (84%)



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



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6775, 54.9079, 71.3875 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 53.6775, 54.9079, 71.3875 by changing the saturation by 10% instead.

■ 53.6775, 54.9079,
71.3875

■ 53.6775, 54.9079,
71.3875

391.0975,
405.5627, 484.3270

■ 38.5735, 39.3280,
52.1747

■ 94.7602, 97.4060,
122.8849

■ 26.6074, 27.0150,
36.7612

121.4697,
125.0930, 156.0066

■ 17.4136, 17.5845,
24.7283

152.7784,
157.5844, 194.6017

■ 10.6270, 10.6521,
15.6576

189.0516,
195.2648, 239.0888

■ 5.8820, 5.8334,
9.1304

230.6548,
238.5184, 289.8863

■ 2.8134, 2.7440,
4.7284

277.9533,

■ 1.0559, 0.9996,

287.7296, 347.4128

2.0329

331.3124,
343.2829, 412.0869

■ 0.0000, 0.0000,
0.5754

■ 0.0000, 0.0000,
0.0000

■ 53.6775, 54.9079,
71.3875

■ 53.6775, 54.9079,
71.3875

■ 44.1517, 43.4307,
69.6751

■ 64.6831, 68.1688,
73.3679

■ 36.0381, 33.6545,
68.2157

■ 77.2228, 83.2777,
75.6233

■ 29.2709, 25.5006,
66.9985

■ 89.1378, 97.6351,
77.7666

■ 23.7775, 18.8813,
66.0104

■ 19.4780, 13.7006,
65.2371

■ 16.2838, 9.8518,
64.6625

■ 14.0941, 7.2131,
64.2686

■ 12.7895, 5.6408,
64.0339

■ 12.1708, 4.8951,
63.9226

Harmonies

Analogous

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



51.5614, 54.9079, 72.1205



53.6775, 54.9079, 71.3875



55.4382, 54.9079, 67.4379

Triad

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



53.6775, 54.9079, 71.3875



54.7961, 54.9079, 51.1207



48.2510, 54.9079, 58.0007

Complementary

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



53.6775, 54.9079, 71.3875



61.5160, 66.2839, 60.5918

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.



49.0680, 54.9079, 52.7348



53.6775, 54.9079, 71.3875



52.8203, 54.9079, 48.9436

Square

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



53.6775, 54.9079, 71.3875



56.0961, 54.9079, 55.6591



50.7269, 54.9079, 49.5138



48.4664, 54.9079, 64.1107

Rectangle

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



53.6775, 54.9079, 71.3875



56.1548, 54.9079, 63.6507



50.7269, 54.9079, 49.5138



48.4131, 54.9079, 56.0798

Sweetspot

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



53.6791, 54.9102, 71.3887



89.8995, 93.7943, 107.9736



58.3907, 64.4014, 72.7494



18.9551, 19.7299, 23.0592



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.



53.6791, 54.9102, 71.3887



77.1692, 78.4556, 105.6839



56.2409, 56.2300, 71.5084



11.7428, 12.0090, 15.6366



7.3366, 2.9350, 38.6330



0.4426, 0.1771, 2.3302

Inverse Universe

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



56.7622, 56.7760, 59.0087



82.5541, 81.7143, 84.0609



58.7784, 64.8736, 60.4639



12.4234, 12.4208, 12.9037



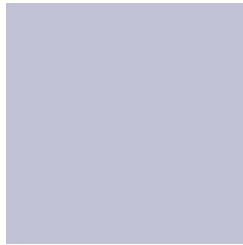
16.7620, 8.6411, 0.7851



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 53.6775, 54.9079, 71.3875 looks on a white background.

Color Contrast Check

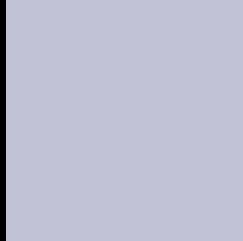
Large Text (above 18pt) WCAG AA × Fail

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 53.6775, 54.9079, 71.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

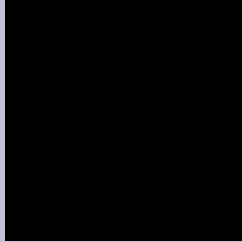
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6775, 54.9079, 71.3875

Background



This preview shows how black text looks on a background with the XYZ color 53.6775, 54.9079, 71.3875.

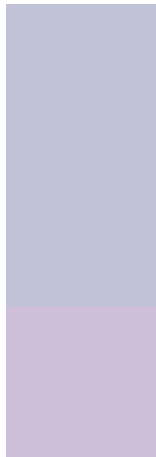


This preview shows how white text looks on a background with the XYZ color 53.6775, 54.9079,

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

53.6775, 54.9079, 71.3875

Protanopia

53.4217, 54.7761, 71.3755

Deuteranopia

56.1328, 54.8550, 71.9195



Tritanopia

53.1403, 55.0208, 68.7921

Trichromacy



Original Color

53.6775, 54.9079, 71.3875

Protanomaly

53.4217, 54.7761, 71.3755

Deuteranomaly

55.2537, 54.7245, 71.9407

Tritanomaly

53.2653, 55.0708, 69.4504

Monochromacy



Original Color

53.6775, 54.9079, 71.3875

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 53.6775, 54.9079, 71.3875 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(194, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 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(194, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.6775, 54.9079, 71.3875 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(194, 194, 214) }
```


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

```
.border{ border-color:rgb(194, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6775, 54.9079, 71.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 214) }
```

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

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