

Converting Colors

XYZ(52.8889, 53.5054, 71.8300)

Have a look what the booklet for
XYZ(52.8889, 53.5054, 71.8300)
contains.

XYZ(52.8889, 53.5054, 71.8300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8889, 53.5054,
71.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BFD7
RGB	193, 191, 215
RGB Percent	76%, 75%, 84%
CMY	0.2431, 0.2510, 0.1569
CMYK	0.10, 0.11, 0.00, 0.16
HSL	245°, 23%, 80%
HSV	245°, 11%, 84%
XYZ	52.8889, 53.5054, 71.8300
YIQ	194.3340, -6.5120, 7.8880

Conversions

Conversions Part 2

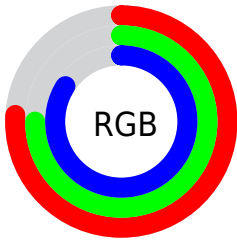
Format	Color
R _Y B	193, 191, 215
Decimal	12697559
CIE Lab	78.17, 5.34, -11.74
CIE LCh	78, 12.897, 294.461
Yxy	53.5054, 0.2968, 0.3002
Android (android.graphics.Color)	4290887639 (0xFFC1BFD7)
YUV	194.3340, 10.1883, -1.1699
Hunter-Lab	73.1474, 1.0557, -7.0190

Details

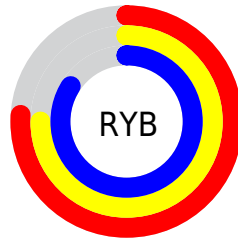
The XYZ color **52.8889, 53.5054, 71.8300** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1469, 66.5100, 58.9078**, and the grayscale version is **51.4216, 54.0996, 58.9144**.

A 20% lighter version of the original color is **90.7351, 94.0655, 107.9820**, and **26.0811, 26.2040, 36.9410** is the 20% darker color. If you saturate the color by 10%, you get **43.8460, 42.3878, 70.1615**, and if you desaturate by 10%, it is **63.2930, 66.3492, 73.7616**.

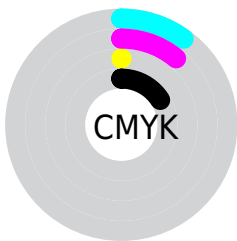
Distribution



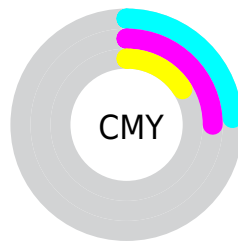
- Red (76%)
- Green (75%)
- Blue (84%)



- Red (76%)
- Yellow (75%)
- Blue (84%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8889, 53.5054, 71.8300 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 52.8889, 53.5054, 71.8300 by changing the saturation by 10% instead.

■ 52.8889, 53.5054,
71.8300

■ 52.8889, 53.5054,
71.8300

388.1266,
400.2211, 485.9113

■ 37.9412, 38.2064,
52.5338

■ 93.6074, 95.3476,
123.5203

■ 26.1141, 26.1429,
37.0456

120.1088,
122.6597, 156.7515

■ 17.0421, 16.9306,
24.9467

151.1923,
154.7448, 195.4647

■ 10.3600, 10.1850,
15.8187

187.2231,
191.9875, 240.0786

■ 5.7024, 5.5218,
9.2430

228.5665,
234.7720, 291.0117

■ 2.7039, 2.5566,
4.8010

275.5880,

■ 0.9992, 0.9049,

283.4829, 348.6825

2.0743

328.6529,
338.5045, 413.5095

■ 0.0000, 0.0000,
0.6004

■ 0.0000, 0.0000,
0.0000

■ 52.8889, 53.5054,
71.8300

■ 52.8889, 53.5054,
71.8300

■ 43.8460, 42.3878,
70.1615

■ 63.2930, 66.3492,
73.7616

■ 36.1033, 32.9165,
68.7415

■ 75.1063, 80.9814,
75.9633

■ 29.6022, 25.0150,
67.5590

■ 88.2192, 97.1467,
78.3924

■ 24.2781, 18.5985,
66.6011

■ 89.2659, 97.6864,
78.4413

■ 20.0602, 13.5738,
65.8535

■ 16.8700, 9.8374,
65.3005

■ 14.6189, 7.2711,
64.9238

■ 13.2028, 5.7351,
64.7019

■ 12.5134, 5.0340,
64.6029

Harmonies

Analogous

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



50.3888, 53.5054, 73.1967



52.8889, 53.5054, 71.8300



54.9024, 53.5054, 66.7057

Triad

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



52.8889, 53.5054, 71.8300



53.7251, 53.5054, 47.6765



46.1816, 53.5054, 56.9286

Complementary

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



52.8889, 53.5054, 71.8300



61.1469, 66.5100, 58.9078

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.



47.0121, 53.5054, 50.5560



52.8889, 53.5054, 71.8300



51.3246, 53.5054, 45.5046

Square

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



52.8889, 53.5054, 71.8300



55.3963, 53.5054, 52.6971



48.8745, 53.5054, 46.5137



46.5695, 53.5054, 64.1976

Rectangle

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



52.8889, 53.5054, 71.8300



55.6697, 53.5054, 62.0569



48.8745, 53.5054, 46.5137



46.3267, 53.5054, 54.6179

Sweetspot

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



52.8905, 53.5076, 71.8312



90.1246, 93.9098, 107.9841



57.6483, 63.7740, 73.5620



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.



52.8905, 53.5076, 71.8312



75.0611, 75.3277, 105.1913



55.9650, 55.0926, 71.9751



11.8375, 12.0576, 15.6410



7.5209, 3.0297, 38.6415



0.4877, 0.2003, 2.3323

Inverse Universe

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



58.6672, 56.5151, 70.7698



84.9303, 80.4665, 103.3509



57.9011, 64.8367, 58.7559



12.9064, 12.6140, 15.4471



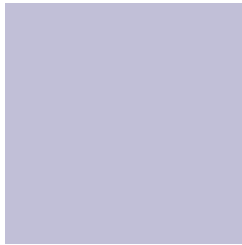
22.8161, 11.0628, 32.6653



1.3896, 0.6726, 2.0411

Previews

White Background



This preview shows how the XYZ color 52.8889, 53.5054, 71.8300 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 52.8889, 53.5054, 71.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

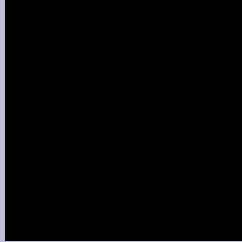
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8889, 53.5054, 71.8300

Background



This preview shows how black text looks on a background with the XYZ color 52.8889, 53.5054, 71.8300.



This preview shows how white text looks on a background with the XYZ color 52.8889, 53.5054,

71.8300.

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

52.8889, 53.5054, 71.8300

Protanopia

52.4795, 53.6043, 72.5464

Deuteranopia

54.7350, 53.4809, 72.4037



Tritanopia

51.8503, 53.4107, 66.6080

Trichromacy



Original Color

52.8889, 53.5054, 71.8300

Protanomaly

52.7302, 53.7335, 72.5582

Deuteranomaly

54.1455, 53.4952, 72.4376

Tritanomaly

52.2207, 53.5589, 68.5583

Monochromacy



Original Color

52.8889, 53.5054, 71.8300

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9788, 53.8735, 63.5362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8889, 53.5054, 71.8300 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, 191, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 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, 191, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 215) }
```

Border

The CSS property to change the border of an element to XYZ 52.8889, 53.5054, 71.8300 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, 191, 215) }
```


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

```
.border{ border-color:rgb(193, 191, 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, 191, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8889, 53.5054, 71.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 215) }
```

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

```
.background{ background-color: rgb(193,  
191, 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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