

Converting Colors

XYZ(51.2880, 53.2120, 63.4820)

Have a look what the booklet for
XYZ(51.2880, 53.2120, 63.4820)
contains.

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Color

**XYZ(51.2485, 53.1700,
63.4389)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C0CA
RGB	192, 192, 202
RGB Percent	75%, 75%, 79%
CMY	0.2471, 0.2470, 0.2078
CMYK	0.05, 0.05, 0.00, 0.21
HSL	240°, 9%, 77%
HSV	240°, 5%, 79%
XYZ	51.2485, 53.1700, 63.4389
YIQ	193.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

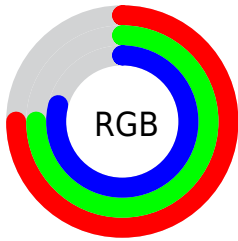
Format	Color
R _Y B	192, 192, 202
Decimal	12632266
CIE Lab	77.98, 1.89, -5.02
CIE LCh	78, 5.362, 290.678
Yxy	53.1700, 0.3053, 0.3168
Android (android.graphics.Color)	4290822346 (0xFFC0C0CA)
YUV	193.1400, 4.3680, -0.9998
Hunter-Lab	72.9178, -2.1516, -0.5402

Details

The XYZ color **51.2485, 53.1700, 63.4389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9922, 58.6027, 58.2830**, and the grayscale version is **50.7486, 53.3915, 58.1433**.

A 20% lighter version of the original color is **90.3288, 94.3113, 108.0508**, and **25.2254, 26.0923, 31.7238** is the 20% darker color. If you saturate the color by 10%, you get **42.3471, 42.4457, 61.8389**, and if you desaturate by 10%, it is **61.4634, 65.4774, 65.2769**.

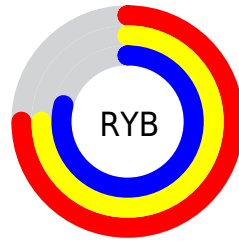
Distribution



Red (75%)

Green (75%)

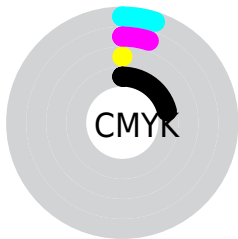
Blue (79%)



Red (75%)

Yellow (75%)

Blue (79%)

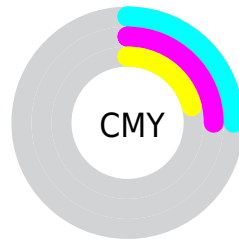


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (21%)



Cyan (25%)

Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2485, 53.1700, 63.4389 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 51.2485, 53.1700, 63.4389 by changing the saturation by 10% instead.

■ 51.2485, 53.1700,
63.4389

■ 51.2485, 53.1700,
63.4389

381.9003,
398.9370, 455.3123

■ 36.6283, 37.9385,
45.7531

■ 91.2028, 94.8545,
111.3941

■ 25.0922, 25.9350,
31.7038

117.2676,
122.0762, 142.5007

■ 16.2748, 16.7750,
20.8724

147.8779,
154.0635, 178.9178

■ 9.8109, 10.0742,
12.8404

183.3991,
191.2008, 221.0642

■ 5.3351, 5.4482,
7.1893

224.1966,
233.8724, 269.3583

■ 2.4819, 2.5125,
3.5005

270.6357,

■ 0.8862, 0.8829,

282.4626, 324.2186

1.3556

323.0818,
337.3561, 386.0638

■ 0.0000, 0.0000,
0.1067

■ 0.0000, 0.0000,
0.0000

■ 51.2485, 53.1700,
63.4389

■ 51.2485, 53.1700,
63.4389

■ 42.3471, 42.4457,
61.8389

■ 61.4634, 65.4774,
65.2769

■ 34.7014, 33.2338,
60.4638

■ 73.0371, 79.4214,
67.3584

■ 28.2565, 25.4684,
59.3046

■ 86.0185, 95.0613,
69.6930

■ 22.9513, 19.0761,
58.3504

■ 87.6608, 97.0443,
69.9892

■ 18.7195, 13.9770,
57.5892

■ 15.4880, 10.0830,
57.0079

■ 13.1746, 7.2950,
56.5917

■ 11.6839, 5.4982,
56.3234

■ 10.8999, 4.5529,
56.1823

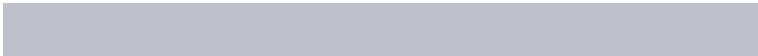
Harmonies

Analogous

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



50.2121, 53.1700, 63.7523



51.2485, 53.1700, 63.4389



52.1050, 53.1700, 61.6123

Triad

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



51.2485, 53.1700, 63.4389



51.8190, 53.1700, 53.5594



48.5818, 53.1700, 56.9670

Complementary

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



51.2485, 53.1700, 63.4389



54.9922, 58.6027, 58.2830

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.



48.9997, 53.1700, 54.3266



51.2485, 53.1700, 63.4389



50.8623, 53.1700, 52.4044

Square

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



51.2485, 53.1700, 63.4389



52.4375, 53.1700, 55.8871



49.8311, 53.1700, 52.6803



48.6820, 53.1700, 59.9465

Rectangle

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



51.2485, 53.1700, 63.4389



52.4542, 53.1700, 59.8158



49.8311, 53.1700, 52.6803



48.6661, 53.1700, 56.0120

Sweetspot

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



51.2500, 53.1723, 63.4401



93.3102, 97.9039, 108.5871



53.5005, 57.7048, 64.0929



19.9906, 20.9775, 23.2454



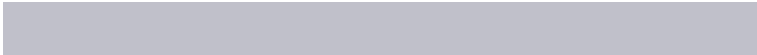
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.2500, 53.1723, 63.4401



84.9567, 87.8394, 107.0847



52.4934, 53.8122, 63.4981



11.1829, 11.5443, 14.2093



6.8606, 2.7452, 36.1246



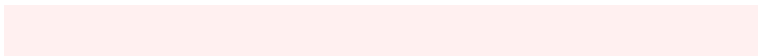
0.3540, 0.1418, 1.8637

Inverse Universe

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



52.7224, 54.0626, 57.5282



87.9962, 89.6774, 94.8801



53.7054, 57.9405, 58.2230



11.6184, 11.8077, 12.4605



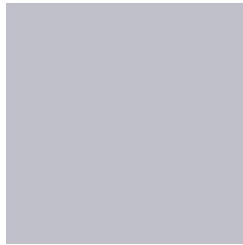
15.6738, 8.0801, 0.7351



0.8086, 0.4169, 0.0382

Previews

White Background



This preview shows how the XYZ color 51.2485, 53.1700, 63.4389 looks on a white background.

Color Contrast Check

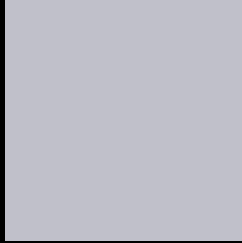
Large Text (above 18pt) WCAG AA × Fail

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 51.2485, 53.1700, 63.4389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

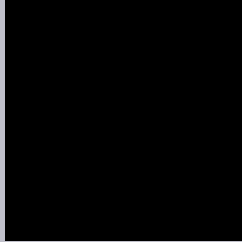
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

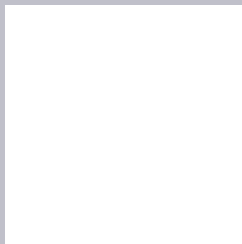
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2485, 53.1700, 63.4389

Background



This preview shows how black text looks on a background with the XYZ color 51.2485, 53.1700, 63.4389.

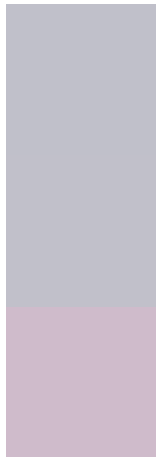


This preview shows how white text looks on a background with the XYZ color 51.2485, 53.1700,

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

51.2485, 53.1700, 63.4389

Protanopia

51.5026, 53.3010, 63.4508

Deuteranopia

54.2819, 53.1178, 63.8917



Tritanopia

51.7637, 53.0553, 65.9050

Trichromacy



Original Color

51.2485, 53.1700, 63.4389

Protanomaly

51.5026, 53.3010, 63.4508

Deuteranomaly

53.3342, 53.2635, 63.9698

Tritanomaly

51.6426, 53.0068, 65.2671

Monochromacy



Original Color

51.2485, 53.1700, 63.4389

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0261, 53.4629, 59.8546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2485, 53.1700, 63.4389 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(192, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 202)  
}
```

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(192, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 202) }
```

Border

The CSS property to change the border of an element to XYZ 51.2485, 53.1700, 63.4389 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(192, 192, 202) }
```


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

```
.border{ border-color:rgb(192, 192, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 192,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2485, 53.1700, 63.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 202) }
```

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

```
.background{ background-color: rgb(192,  
192, 202) }
```

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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