

Converting Colors

XYZ(51.8929, 53.3965, 64.6982)

Have a look what the booklet for
XYZ(51.8929, 53.3965, 64.6982)
contains.

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Color

**XYZ(51.9969, 53.5282,
64.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C0CC
RGB	194, 192, 204
RGB Percent	76%, 75%, 80%
CMY	0.2392, 0.2470, 0.2000
CMYK	0.05, 0.06, 0.00, 0.20
HSL	250°, 11%, 78%
HSV	250°, 6%, 80%
XYZ	51.9969, 53.5282, 64.7182
YIQ	193.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

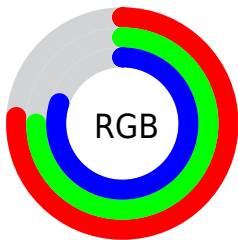
Format	Color
RYB	194, 192, 204
Decimal	12763340
CIELab	78.19, 2.96, -5.77
CIELCh	78, 6.483, 297.140
Yxy	53.5282, 0.3054, 0.3144
Android (android.graphics.Color)	4290953420 (0xFFC2C0CC)
YUV	193.9660, 4.9468, 0.0298
Hunter-Lab	73.1630, -1.1753, -1.2324

Details

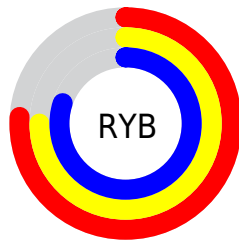
The XYZ color **51.9969, 53.5282, 64.7182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4663, 59.5494, 58.4425**, and the grayscale version is **51.2322, 53.9002, 58.6973**.

A 20% lighter version of the original color is **91.0417, 94.6788, 108.0842**, and **25.5529, 26.2427, 32.5727** is the 20% darker color. If you saturate the color by 10%, you get **43.7076, 43.0612, 63.1356**, and if you desaturate by 10%, it is **61.4095, 65.4989, 66.5335**.

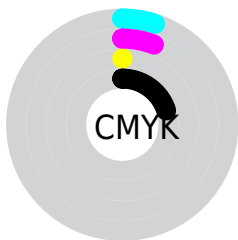
Distribution



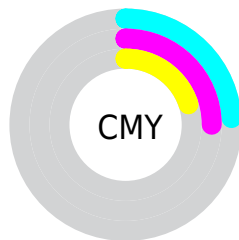
- Red (76%)
- Green (75%)
- Blue (80%)



- Red (76%)
- Yellow (75%)
- Blue (80%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9969, 53.5282, 64.7182 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 51.9969, 53.5282, 64.7182 by changing the saturation by 10% instead.

■ 51.9969, 53.5282,
64.7182

■ 51.9969, 53.5282,
64.7182

384.7488,
400.3083, 460.0571

■ 37.2269, 38.2246,
46.7827

■ 92.3009, 95.3812,
113.2540

■ 25.5577, 26.1571,
32.5108

118.5656,
122.6993, 144.6914

■ 16.6240, 16.9412,
21.4839

149.3926,
154.7911, 181.4666

■ 10.0604, 10.1926,
13.2835

185.1472,
192.0409, 223.9980

■ 5.5016, 5.5268,
7.4910

226.1947,
234.8331, 272.7042

■ 2.5822, 2.5596,
3.6880

272.9006,

■ 0.9369, 0.9064,

283.5522, 328.0037

1.4558

325.6302,
338.5825, 390.3152

■ 0.0000, 0.0000,
0.1847

■ 0.0000, 0.0000,
0.0000

■ 51.9969, 53.5282,
64.7182

■ 51.9969, 53.5282,
64.7182

■ 43.7076, 43.0612,
63.1356

■ 61.4095, 65.4989,
66.5335

■ 36.4949, 34.0317,
61.7729

■ 71.9806, 79.0224,
68.5866

■ 30.3154, 26.3786,
60.6213

■ 83.7497, 94.1543,
70.8871

■ 25.1212, 20.0336,
59.6704

■ 87.8992, 97.1397,
71.2446

■ 20.8605, 14.9229,
58.9085

■ 17.4764, 10.9649,
58.3229

■ 14.9059, 8.0683,
57.8993

■ 13.0772, 6.1276,
57.6211

■ 11.9037, 5.0129,
57.4678

Harmonies

Analogous

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



50.7554, 53.5282, 65.5365



51.9969, 53.5282, 64.7182



52.9519, 53.5282, 62.1532

Triad

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



51.9969, 53.5282, 64.7182



52.2109, 53.5282, 52.6140



48.4813, 53.5282, 57.9355

Complementary

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



51.9969, 53.5282, 64.7182



55.4663, 59.5494, 58.4425

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.



48.8569, 53.5282, 54.5771



51.9969, 53.5282, 64.7182



50.9987, 53.5282, 51.5857

Square

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



51.9969, 53.5282, 64.7182



53.0769, 53.5282, 55.1565



49.7732, 53.5282, 52.2894



48.7386, 53.5282, 61.5257

Rectangle

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



51.9969, 53.5282, 64.7182



53.2903, 53.5282, 59.8506



49.7732, 53.5282, 52.2894



48.5375, 53.5282, 56.7433

Sweetspot

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



51.9985, 53.5305, 64.7194



91.8979, 95.9918, 108.2925



53.8065, 57.9026, 65.4680



19.7030, 20.5882, 23.1854



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.



51.9985, 53.5305, 64.7194



84.3543, 86.4219, 106.8429



53.5165, 54.3131, 64.7904



11.1267, 11.3798, 14.1805



7.3280, 2.9852, 36.1463



0.4336, 0.1827, 1.8673

Inverse Universe

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



54.4139, 54.8032, 63.5897



89.1428, 88.9453, 104.5886



53.9260, 58.7554, 58.3704



11.7994, 11.7343, 13.8630



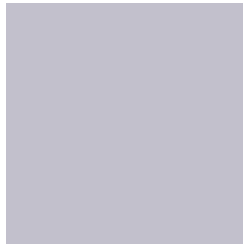
20.2720, 9.9194, 24.9490



1.0677, 0.5205, 1.4023

Previews

White Background



This preview shows how the XYZ color 51.9969, 53.5282, 64.7182 looks on a white background.

Color Contrast Check

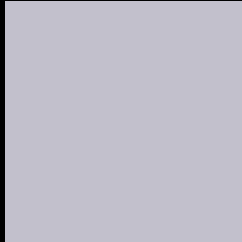
Large Text (above 18pt) WCAG AA × Fail

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 51.9969, 53.5282, 64.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

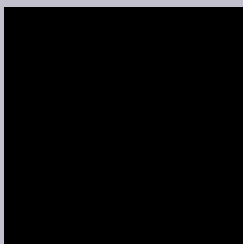
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

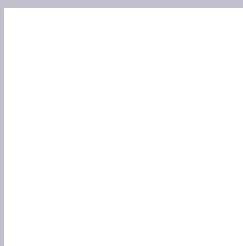
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9969, 53.5282, 64.7182

Background



This preview shows how black text looks on a background with the XYZ color 51.9969, 53.5282, 64.7182.

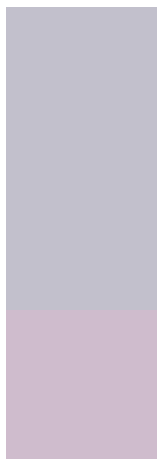


This preview shows how white text looks on a background with the XYZ color 51.9969, 53.5282,

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

51.9969, 53.5282, 64.7182

Protanopia

51.9969, 53.5282, 64.7182

Deuteranopia

54.7348, 53.6396, 65.2263



Tritanopia

52.3603, 53.6736, 66.6318

Trichromacy



Original Color

51.9969, 53.5282, 64.7182

Protanomaly

51.9969, 53.5282, 64.7182

Deuteranomaly

53.5742, 53.3595, 65.2334

Tritanomaly

52.2383, 53.6248, 65.9899

Monochromacy



Original Color

51.9969, 53.5282, 64.7182

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5111, 53.6865, 61.0737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9969, 53.5282, 64.7182 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, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 204)  
}
```

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, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 204) }
```

Border

The CSS property to change the border of an element to XYZ 51.9969, 53.5282, 64.7182 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, 192, 204) }
```


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

```
.border{ border-color:rgb(194, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9969, 53.5282, 64.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 204) }
```

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

```
.background{ background-color: rgb(194,  
192, 204) }
```

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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