

Converting Colors

XYZ(53.3322, 56.5804, 63.9873)

Have a look what the booklet for
XYZ(53.3322, 56.5804, 63.9873)
contains.

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Color

**XYZ(53.3322, 56.5804,
63.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7CA
RGB	194, 199, 202
RGB Percent	76%, 78%, 79%
CMY	0.2392, 0.2196, 0.2078
CMYK	0.04, 0.01, 0.00, 0.21
HSL	202°, 7%, 78%
HSV	202°, 4%, 79%
XYZ	53.3322, 56.5804, 63.9873
YIQ	197.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

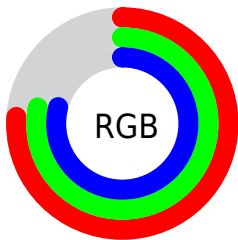
Format	Color
R_{YB}	194, 197, 202
Decimal	12765130
CIE Lab	79.94, -1.15, -2.10
CIE LCh	80, 2.396, 241.428
Yxy	56.5804, 0.3067, 0.3254
Android (android.graphics.Color)	4290955210 (0xFFC2C7CA)
YUV	197.8470, 2.0474, -3.3738
Hunter-Lab	75.2199, -5.0754, 2.2178

Details

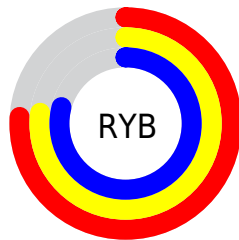
The XYZ color **53.3322, 56.5804, 63.9873** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0611, 56.3836, 59.0736**, and the grayscale version is **53.5746, 56.3646, 61.3811**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **26.2859, 27.9644, 32.0292** is the 20% darker color. If you saturate the color by 10%, you get **46.7985, 50.6929, 63.1961**, and if you desaturate by 10%, it is **60.6605, 63.0092, 64.8428**.

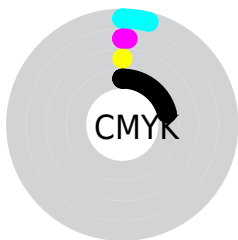
Distribution



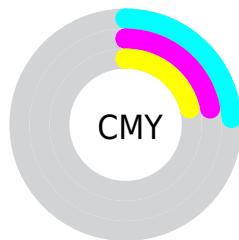
- Red (76%)
- Green (78%)
- Blue (79%)



- Red (76%)
- Yellow (77%)
- Blue (79%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3322, 56.5804, 63.9873 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 53.3322, 56.5804, 63.9873 by changing the saturation by 10% instead.

■ 53.3322, 56.5804,
63.9873

■ 53.3322, 56.5804,
63.9873

389.7984,
411.8751, 457.3500

■ 38.2966, 40.6685,
46.1943

■ 94.2557, 99.8527,
112.1919

■ 26.3912, 28.0601,
32.0494

120.8742,
127.9818, 143.4406

■ 17.2507, 18.3710,
21.1341

152.0845,
160.9521, 180.0116

■ 10.5098, 11.2167,
13.0299

188.2517,
199.1480, 222.3234

■ 5.8031, 6.2128,
7.3181

229.7414,
242.9538, 270.7947

■ 2.7653, 2.9749,
3.5804

276.9188,

■ 1.0309, 1.1186,

292.7540, 325.8438

1.3981

330.1494,
348.9330, 387.8894

■ 0.0000, 0.0000,
0.1402

■ 0.0000, 0.0000,
0.0000

■ 53.3322, 56.5804,
63.9873

■ 53.3322, 56.5804,
63.9873

■ 46.7985, 50.6929,
63.1961

■ 60.6605, 63.0092,
64.8428

■ 41.0251, 45.3224,
62.4638

■ 68.8063, 69.9882,
65.7606

■ 35.9820, 40.4533,
61.7898

■ 77.7977, 77.5353,
66.7434

■ 31.6357, 36.0663,
61.1721

■ 79.9957, 81.7141,
67.4341

■ 27.9496, 32.1404,
60.6086

■ 82.1387, 86.0001,
68.1485

■ 24.8834, 28.6531,
60.0971

■ 84.3741, 90.4709,
68.8936

■ 22.3924, 25.5790,
59.6350

■ 86.7031, 95.1289,
69.6699

■ 20.4248, 22.8894,
59.2196

■ 87.6608, 97.0443,
69.9892

■ 18.9183, 20.5499,
58.8474

Harmonies

Analogous

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



52.9844, 56.5804, 63.0128



53.3322, 56.5804, 63.9873



53.8013, 56.5804, 64.3214

Triad

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



53.3322, 56.5804, 63.9873



54.7178, 56.5804, 61.5397



53.2921, 56.5804, 59.3504

Complementary

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



53.3322, 56.5804, 63.9873



54.0611, 56.3836, 59.0736

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.



53.7547, 56.5804, 58.9690



53.3322, 56.5804, 63.9873



54.5795, 56.5804, 60.2212

Square

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



53.3322, 56.5804, 63.9873



54.6030, 56.5804, 62.8955



54.2262, 56.5804, 59.2854



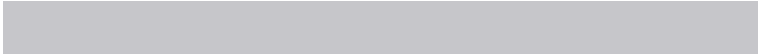
52.9613, 56.5804, 60.3351

Rectangle

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



53.3322, 56.5804, 63.9873



54.1202, 56.5804, 64.1320



54.2262, 56.5804, 59.2854



53.4372, 56.5804, 59.1481

Sweetspot

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



53.3338, 56.5828, 63.9885



93.8141, 98.9116, 108.7551



53.4399, 57.7395, 61.1124



20.0931, 21.1826, 23.2796



0.0000, 0.0000, 0.0000



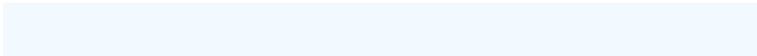
20.3446, 21.4041, 23.3091

Same Dimension

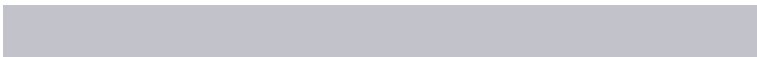
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3338, 56.5828, 63.9885



89.0090, 94.6519, 108.1861



52.4397, 54.7946, 63.6905



11.7387, 12.4979, 14.3640



11.7761, 12.5762, 37.7630



0.6789, 0.7916, 1.9720

Inverse Universe

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



53.9589, 55.2647, 61.8588



90.3570, 91.8294, 103.5891



54.9667, 58.1947, 59.3755



11.9375, 12.0831, 13.6856



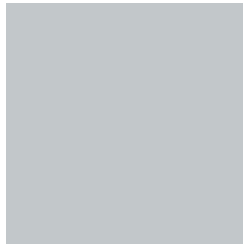
18.1549, 9.0726, 13.8004



0.9726, 0.4825, 0.9017

Previews

White Background



This preview shows how the XYZ color 53.3322, 56.5804, 63.9873 looks on a white background.

Color Contrast Check

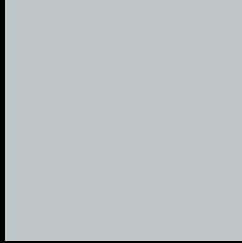
Large Text (above 18pt) WCAG AA × Fail

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 53.3322, 56.5804, 63.9873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

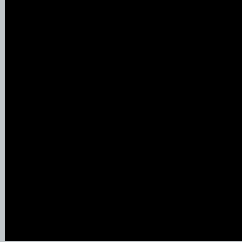
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

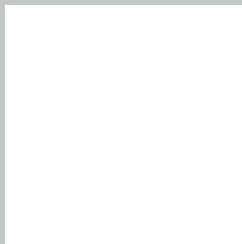
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3322, 56.5804, 63.9873

Background



This preview shows how black text looks on a background with the XYZ color 53.3322, 56.5804, 63.9873.

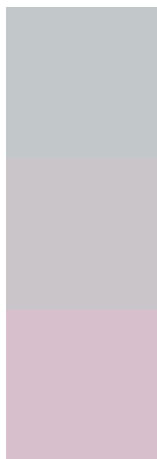


This preview shows how white text looks on a background with the XYZ color 53.3322, 56.5804,

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

53.3322, 56.5804, 63.9873

Protanopia

54.5963, 56.5671, 63.2993

Deuteranopia

57.6535, 56.4581, 64.3588



Tritanopia

54.7414, 56.4724, 70.9659

Trichromacy



Original Color

53.3322, 56.5804, 63.9873

Protanomaly

54.0254, 56.6110, 63.3379

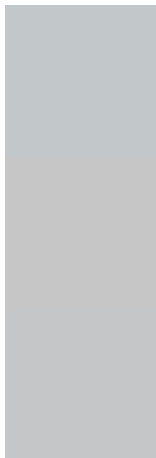
Deuteranomaly

56.0267, 56.6074, 64.4733

Tritanomaly

54.2084, 56.5937, 68.3882

Monochromacy



Original Color

53.3322, 56.5804, 63.9873

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5288, 56.3820, 62.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3322, 56.5804, 63.9873 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, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 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(194, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.3322, 56.5804, 63.9873 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, 199, 202) }
```


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

```
.border{ border-color:rgb(194, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3322, 56.5804, 63.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 202) }
```

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

```
.background{ background-color: rgb(194,  
199, 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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