

Converting Colors

XYZ(53.8739, 56.6813, 64.4336)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 64.4336)
contains.

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Color

**XYZ(53.9679, 56.8944,
64.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7CB
RGB	196, 199, 203
RGB Percent	77%, 78%, 80%
CMY	0.2314, 0.2196, 0.2039
CMYK	0.03, 0.02, 0.00, 0.20
HSL	214°, 6%, 78%
HSV	214°, 3%, 80%
XYZ	53.9679, 56.8944, 64.6372
YIQ	198.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

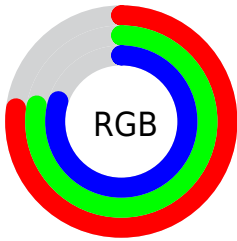
Format	Color
R_{YB}	196, 198, 203
Decimal	12896203
CIE Lab	80.12, -0.28, -2.36
CIE LCh	80, 2.380, 263.309
Yxy	56.8944, 0.3075, 0.3242
Android (android.graphics.Color)	4291086283 (0xFFC4C7CB)
YUV	198.5590, 2.1894, -2.2442
Hunter-Lab	75.4284, -4.2855, 1.9922

Details

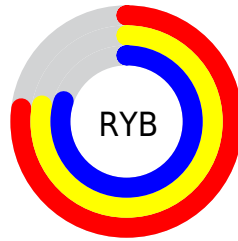
The XYZ color **53.9679, 56.8944, 64.6372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2469, 57.9901, 60.5069**, and the grayscale version is **54.0066, 56.8191, 61.8760**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **26.7055, 28.1715, 32.4639** is the 20% darker color. If you saturate the color by 10%, you get **46.4749, 49.2236, 63.5524**, and if you desaturate by 10%, it is **62.3818, 65.3447, 65.8257**.

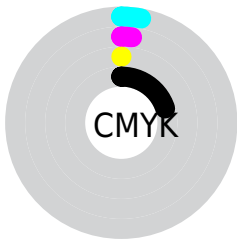
Distribution



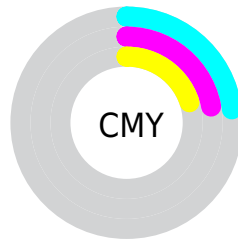
- Red (77%)
- Green (78%)
- Blue (80%)



- Red (77%)
- Yellow (78%)
- Blue (80%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9679, 56.8944, 64.6372 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 53.9679, 56.8944, 64.6372 by changing the saturation by 10% instead.

■ 53.9679, 56.8944,
64.6372

■ 53.9679, 56.8944,
64.6372

392.1879,
413.0535, 459.7575

■ 38.8066, 40.9205,
46.7175

95.1843, 100.3111,
113.1364

■ 26.7893, 28.2569,
32.4596

121.9700,
128.5226, 144.5529

■ 17.5508, 18.5194,
21.4451

153.3613,
161.5822, 181.3055

■ 10.7257, 11.3236,
13.2553

189.7235,
199.8741, 223.8126

■ 5.9486, 6.2849,
7.4718

231.4219,
243.7828, 272.4928

■ 2.8542, 3.0191,
3.6760

278.8218,

■ 1.0772, 1.1417,

293.6926, 327.7647

1.4493

332.2887,
349.9881, 390.0468

■ 0.0059, 0.0133,
0.1798

■ 0.0000, 0.0000,
0.0000

■ 53.9679, 56.8944,
64.6372

■ 53.9679, 56.8944,
64.6372

■ 46.4749, 49.2236,
63.5524

■ 62.3818, 65.3447,
65.8257

■ 39.8649, 42.3013,
62.5646

■ 71.7429, 74.5898,
67.1168

■ 34.1045, 36.1049,
61.6722

■ 81.3793, 84.2912,
68.4814

■ 29.1562, 30.6081,
60.8720

■ 84.7838, 91.1002,
69.6163

■ 24.9794, 25.7823,
60.1607

■ 87.7797, 97.0919,
70.6149

■ 21.5299, 21.5971,
59.5347

■ 18.7584, 18.0189,
58.9901

■ 16.6087, 15.0102,
58.5226

■ 15.0139, 12.5274,
58.1275

Harmonies

Analogous

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



53.5215, 56.8944, 64.1133



53.9679, 56.8944, 64.6372



54.4460, 56.8944, 64.4320

Triad

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



53.9679, 56.8944, 64.6372



54.9368, 56.8944, 60.8982



53.3326, 56.8944, 60.3672

Complementary

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



53.9679, 56.8944, 64.6372



55.2469, 57.9901, 60.5069

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.



53.7085, 56.8944, 59.5293



53.9679, 56.8944, 64.6372



54.6352, 56.8944, 59.8327

Square

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



53.9679, 56.8944, 64.6372



55.0073, 56.8944, 62.2599



54.1851, 56.8944, 59.3351



53.1561, 56.8944, 61.6378

Rectangle

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



53.9679, 56.8944, 64.6372



54.7182, 56.8944, 63.9109



54.1851, 56.8944, 59.3351



53.4397, 56.8944, 60.0264

Sweetspot

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



53.9695, 56.8968, 64.6384



93.6553, 98.5941, 108.7021



54.5432, 58.6171, 63.0636



20.0608, 21.1180, 23.2688



0.0000, 0.0000, 0.0000



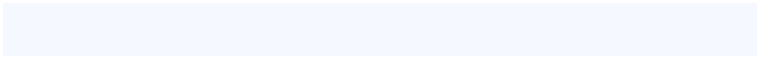
20.3446, 21.4041, 23.3091

Same Dimension

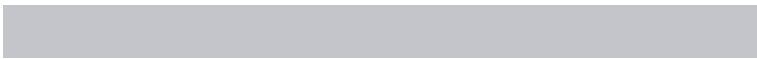
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9695, 56.8968, 64.6384



89.5665, 94.4567, 108.1190



53.4069, 55.5911, 64.4161



11.7876, 12.4356, 14.3494



9.1202, 7.2643, 36.8777



0.5453, 0.5244, 1.9274

Inverse Universe

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



54.6786, 56.3010, 62.0210



90.9583, 93.2944, 102.9801



55.8223, 59.3294, 60.7351



12.0013, 12.2582, 13.5600



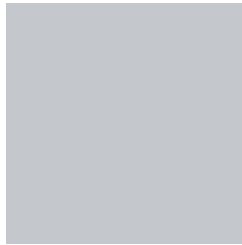
16.8144, 8.5363, 6.7410



0.9052, 0.4555, 0.5466

Previews

White Background



This preview shows how the XYZ color 53.9679, 56.8944, 64.6372 looks on a white background.

Color Contrast Check

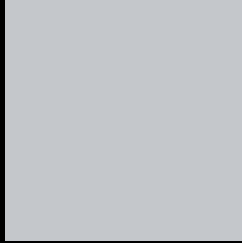
Large Text (above 18pt) WCAG AA × Fail

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 53.9679, 56.8944, 64.6372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

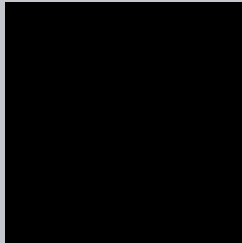
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

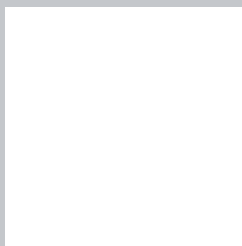
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9679, 56.8944, 64.6372

Background



This preview shows how black text looks on a background with the XYZ color 53.9679, 56.8944, 64.6372.

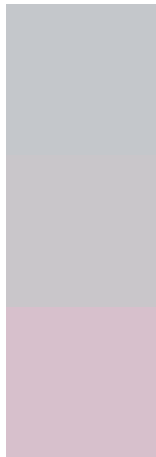


This preview shows how white text looks on a background with the XYZ color 53.9679, 56.8944,

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

53.9679, 56.8944, 64.6372

Protanopia

54.9421, 57.0699, 63.9970

Deuteranopia

57.7731, 56.5060, 64.9885



Tritanopia

55.2652, 56.7424, 70.9904

Trichromacy



Original Color

53.9679, 56.8944, 64.6372

Protanomaly

54.4079, 56.7945, 63.9720

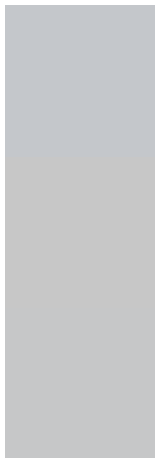
Deuteranomaly

56.4266, 56.7997, 65.1162

Tritanomaly

54.7287, 56.8619, 68.4125

Monochromacy



Original Color

53.9679, 56.8944, 64.6372

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1375, 57.0227, 62.7967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9679, 56.8944, 64.6372 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(196, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 203)  
}
```

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(196, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.9679, 56.8944, 64.6372 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(196, 199, 203) }
```


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

```
.border{ border-color:rgb(196, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9679, 56.8944, 64.6372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 203) }
```

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

```
.background{ background-color: rgb(196,  
199, 203) }
```

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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