

Converting Colors

XYZ(53.2098, 55.8596, 56.6572)

Have a look what the booklet for
XYZ(53.2098, 55.8596, 56.6572)
contains.

XYZ(53.3479, 56.0677, 56.7256)	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(53.3479, 56.0677,
56.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5BE
RGB	201, 197, 190
RGB Percent	79%, 77%, 75%
CMY	0.2118, 0.2274, 0.2549
CMYK	0.00, 0.02, 0.05, 0.21
HSL	38°, 9%, 77%
HSV	38°, 5%, 79%
XYZ	53.3479, 56.0677, 56.7256
YIQ	197.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

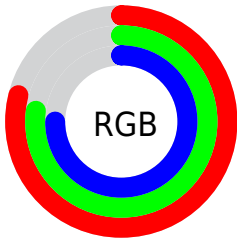
Format	Color
RYB	196, 201, 190
Decimal	13223358
CIELab	79.65, 0.15, 3.99
CIELCh	80, 3.991, 87.881
Yxy	56.0677, 0.3211, 0.3375
Android (android.graphics.Color)	4291413438 (0xFFC9C5BE)
YUV	197.3980, -3.6472, 3.1590
Hunter-Lab	74.8784, -3.8629, 7.4985

Details

The XYZ color **53.3479, 56.0677, 56.7256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0696, 53.7470, 62.9416**, and the grayscale version is **53.3322, 56.1096, 61.1034**.

A 20% lighter version of the original color is **93.3164, 98.7974, 101.3403**, and **26.3704, 27.6541, 27.6148** is the 20% darker color. If you saturate the color by 10%, you get **49.6831, 52.0143, 45.4025**, and if you desaturate by 10%, it is **57.3992, 60.4078, 69.6737**.

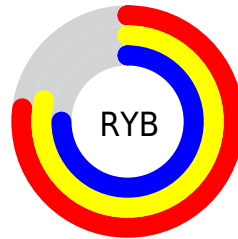
Distribution



Red (79%)

Green (77%)

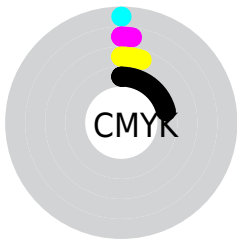
Blue (75%)



Red (77%)

Yellow (79%)

Blue (75%)

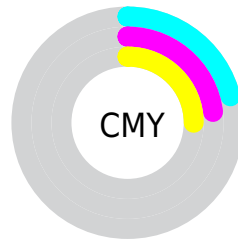


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (21%)



Cyan (21%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3479, 56.0677, 56.7256 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 53.3479, 56.0677, 56.7256 by changing the saturation by 10% instead.

■ 53.3479, 56.0677,
56.7256

■ 53.3479, 56.0677,
56.7256

389.8575,
409.9466, 429.8852

■ 38.3092, 40.2572,
40.3771

■ 94.2786, 99.1036,
101.5610

■ 26.4010, 27.7391,
27.5167

120.9013,
127.0977, 130.8851

■ 17.2581, 18.1291,
17.7258

152.1160,
159.9219, 165.3713

■ 10.5152, 11.0427,
10.5859

188.2881,
197.9604, 205.4384

■ 5.8067, 6.0956,
5.6785

229.7830,
241.5978, 251.5047

■ 2.7674, 2.9033,
2.5850

276.9659,

■ 1.0320, 1.0815,

291.2183, 303.9890

0.8847

330.2023,
347.2065, 363.3096

■ 0.0000, 0.0000,
0.0000

■ 53.3479, 56.0677,
56.7256

■ 53.3479, 56.0677,
56.7256

■ 49.6831, 52.0143,
45.4025

■ 57.3992, 60.4078,
69.6737

■ 46.3867, 48.2332,
35.6354

■ 61.8450, 65.0343,
84.3047

■ 43.4459, 44.7192,
27.3559

■ 66.6990, 69.9560,
100.6782

■ 40.8453, 41.4644,
20.4889

■ 69.3925, 74.1472,
105.2622

■ 38.5683, 38.4601,
14.9526

■ 71.4232, 78.2087,
105.9391

■ 36.5967, 35.6971,
10.6570

■ 73.5396, 82.4415,
106.6446

■ 34.9100, 33.1651,
7.5007

■ 75.7426, 86.8476,
107.3789

■ 33.4846, 30.8527,
5.3658

■ 77.8977, 91.1577,
108.0973

■ 32.2919, 28.7462,
4.1079

Harmonies

Analogous

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



54.1177, 56.0677, 57.3710



53.3479, 56.0677, 56.7256



52.5703, 56.0677, 57.2140

Triad

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



53.3479, 56.0677, 56.7256



51.9345, 56.0677, 63.1442



54.6121, 56.0677, 63.4350

Complementary

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



53.3479, 56.0677, 56.7256



51.0696, 53.7470, 62.9416

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.



54.0176, 56.0677, 65.0500



53.3479, 56.0677, 56.7256



52.4721, 56.0677, 64.8792

Square

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



53.3479, 56.0677, 56.7256



51.7592, 56.0677, 60.8845



53.2335, 56.0677, 65.5850



54.8521, 56.0677, 61.2122

Rectangle

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



53.3479, 56.0677, 56.7256



52.1510, 56.0677, 58.1239



53.2335, 56.0677, 65.5850



54.4468, 56.0677, 64.0690

Sweetspot

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



53.3495, 56.0701, 56.7268



93.6514, 98.4994, 104.4366



52.2429, 53.1418, 58.5632



20.0599, 21.0987, 22.4005



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.



53.3495, 56.0701, 56.7268



90.2740, 94.8351, 93.7828



53.8766, 57.7069, 57.0150



11.3387, 11.9102, 11.7109



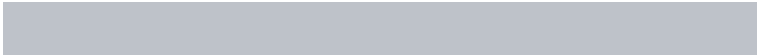
20.0864, 17.6899, 2.3558



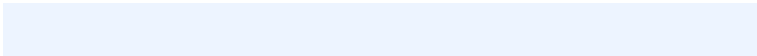
1.0182, 0.9718, 0.1339

Inverse Universe

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



51.0696, 53.7470, 62.9416



85.2661, 89.7323, 107.4338



50.5603, 52.1818, 62.6663



10.6739, 11.2328, 13.5231



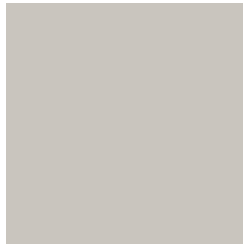
8.2078, 5.8095, 35.4331



0.4574, 0.4126, 1.7007

Previews

White Background



This preview shows how the XYZ color 53.3479, 56.0677, 56.7256 looks on a white background.

Color Contrast Check

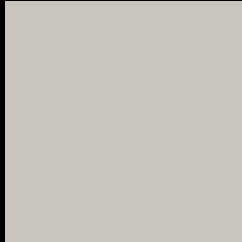
Large Text (above 18pt) WCAG AA × Fail

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 53.3479, 56.0677, 56.7256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

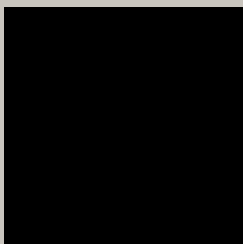
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

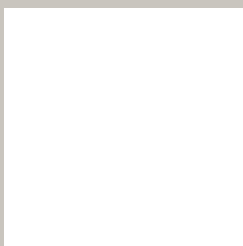
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3479, 56.0677, 56.7256

Background



This preview shows how black text looks on a background with the XYZ color 53.3479, 56.0677, 56.7256.

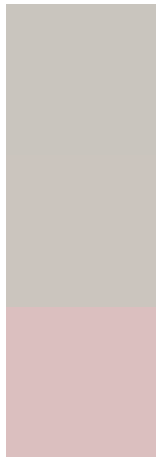


This preview shows how white text looks on a background with the XYZ color 53.3479, 56.0677,

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

53.3479, 56.0677, 56.7256

Protanopia

53.8891, 56.3467, 56.7509

Deuteranopia

57.2482, 56.0833, 57.0981



Tritanopia

55.7022, 56.0244, 68.1996

Trichromacy



Original Color

53.3479, 56.0677, 56.7256

Protanomaly

53.6176, 56.2068, 56.7382

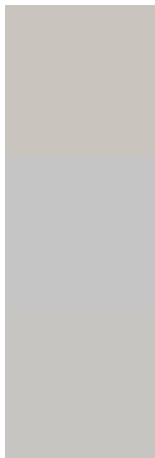
Deuteranomaly

55.6253, 55.8986, 57.1479

Tritanomaly

54.8044, 55.9910, 63.7960

Monochromacy



Original Color

53.3479, 56.0677, 56.7256

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9926, 55.8333, 59.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3479, 56.0677, 56.7256 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(201, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 190)  
}
```

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(201, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.3479, 56.0677, 56.7256 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(201, 197, 190) }
```


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

```
.border{ border-color:rgb(201, 197, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3479, 56.0677, 56.7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 190) }
```

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

```
.background{ background-color: rgb(201,  
197, 190) }
```

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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