

# Converting Colors

XYZ(35.2074, 38.9314, 56.5801)

Have a look what the booklet for  
XYZ(35.2074, 38.9314, 56.5801)  
contains.

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# Color

**XYZ(35.3053, 38.9755,  
56.7012)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8CACC2
RGB	140, 172, 194
RGB Percent	55%, 67%, 76%
CMY	0.4510, 0.3255, 0.2392
CMYK	0.28, 0.11, 0.00, 0.24
HSL	204°, 31%, 65%
HSV	204°, 28%, 76%
XYZ	35.3053, 38.9755, 56.7012
YIQ	164.9400, -26.1340, 0.0580

# Conversions

## Conversions Part 2

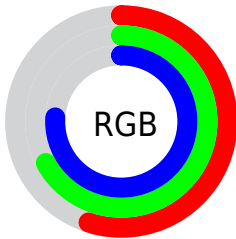
Format	Color
R <sub>YB</sub>	140, 160, 194
Decimal	9219266
CIE Lab	68.73, -5.81, -14.81
CIE LCh	69, 15.913, 248.588
Yxy	38.9755, 0.2695, 0.2976
Android (android.graphics.Color)	4287409346 (0xFF8CACC2)
YUV	164.9400, 14.3266, -21.8724
Hunter-Lab	62.4304, -8.3087, -10.1478

# Details

The XYZ color **35.3053, 38.9755, 56.7012** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9026, 39.2037, 30.2758**, and the grayscale version is **35.6788, 37.5369, 40.8777**.

A 20% lighter version of the original color is **67.3873, 73.5053, 101.9030**, and **15.4746, 17.4011, 27.3541** is the 20% darker color. If you saturate the color by 10%, you get **30.8606, 34.5182, 56.0758**, and if you desaturate by 10%, it is **40.4181, 43.9120, 57.3852**.

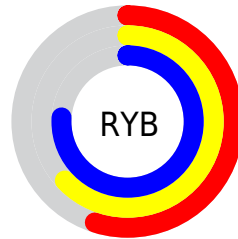
# Distribution



Red (55%)

Green (67%)

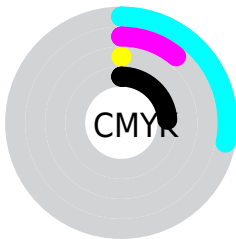
Blue (76%)



Red (55%)

Yellow (63%)

Blue (76%)

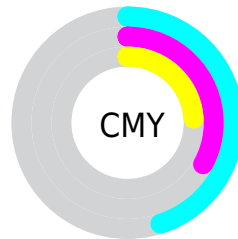


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3053, 38.9755, 56.7012 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 35.3053, 38.9755, 56.7012 by changing the saturation by 10% instead.



■ 35.3053, 38.9755,  
56.7012

■ 35.3053, 38.9755,  
56.7012

317.3983,  
341.7863, 429.7911

■ 24.0658, 26.7407,  
40.3576

■ 67.2894, 73.6009,  
101.5251

■ 15.5074, 17.3786,  
27.5016

■ 88.7646, 96.7602,  
130.8425

■ 9.2649, 10.5048,  
17.7145

■ 114.3825,  
124.3299, 165.3215

■ 4.9729, 5.7349,  
10.5779

144.5083,  
156.6942, 205.3808

■ 2.2659, 2.6846,  
5.6732

179.5074,  
194.2376, 251.4389

■ 0.7771, 0.9694,  
2.5818

219.7452,

■ 0.0000, 0.0000,

237.3445, 303.9142

0.8831

265.5871,  
286.3993, 363.2255

■ 0.0000, 0.0000,  
0.0000

■ 35.3053, 38.9755,  
56.7012

■ 35.3053, 38.9755,  
56.7012

■ 30.8606, 34.5182,  
56.0758

■ 40.4181, 43.9120,  
57.3852

■ 27.0488, 30.5166,  
55.5043

■ 46.2251, 49.3404,  
58.1270

■ 23.8363, 26.9522,  
54.9856

■ 52.7551, 55.2788,  
58.9290

■ 21.1849, 23.8029,  
54.5175

■ 60.0342, 61.7427,  
59.7930

■ 19.0516, 21.0438,  
54.0974

■ 68.0872, 68.7469,  
60.7205

■ 17.3861, 18.6467,  
53.7224

■ 76.4195, 76.0387,  
61.6888

■ 16.1146, 16.5707,  
53.3888

■ 78.5359, 80.2714,  
62.3943

■ 15.8650, 16.1497,  
53.3206

■ 80.7515, 84.7026,  
63.1328

■ 83.0677, 89.3350,  
63.9049

# Harmonies

## Analogous

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



33.3877, 38.9755, 51.6878



35.3053, 38.9755, 56.7012



37.7728, 38.9755, 57.6793

# Triad

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



35.3053, 38.9755, 56.7012



42.0420, 38.9755, 40.4005



34.1063, 38.9755, 32.4950

# Complementary

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



35.3053, 38.9755, 56.7012



39.9026, 39.2037, 30.2758

# 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.



36.3267, 38.9755, 30.1497



35.3053, 38.9755, 56.7012



40.9602, 38.9755, 34.3628

# Square

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



35.3053, 38.9755, 56.7012



41.7382, 38.9755, 47.7043



38.8410, 38.9755, 30.7925



32.7176, 38.9755, 37.5737



# Rectangle

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



35.3053, 38.9755, 56.7012



39.4106, 38.9755, 55.8161



38.8410, 38.9755, 30.7925



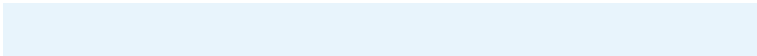
34.7761, 38.9755, 31.3885

# Sweetspot

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



35.3065, 38.9771, 56.7021



83.4211, 89.0906, 105.2692



36.5939, 46.7542, 41.0929



17.8980, 19.1676, 23.0063



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

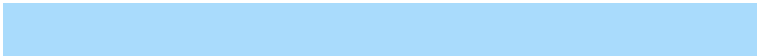


# Same Dimension

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



35.3065, 38.9771, 56.7021



59.2391, 65.9164, 102.0707



30.7403, 29.8447, 55.1800



10.0133, 10.7179, 12.8258



10.5129, 10.7823, 35.0837



0.5206, 0.5985, 1.5380



# Inverse Universe

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



39.0736, 33.2050, 43.3812



67.2444, 54.2970, 73.6178



45.0942, 49.5869, 32.0063



10.3180, 10.1758, 11.7652



16.7024, 8.3707, 11.6108

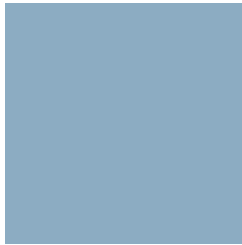


0.7551, 0.3751, 0.6780



# Previews

## White Background



This preview shows how the XYZ color 35.3053, 38.9755, 56.7012 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 35.3053, 38.9755, 56.7012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

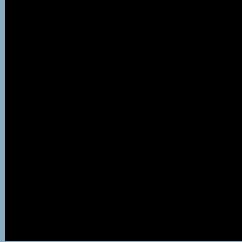
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 35.3053, 38.9755, 56.7012**

## **Background**



This preview shows how black text looks on a background with the XYZ color 35.3053, 38.9755, 56.7012.



This preview shows how white text looks on a background with the XYZ color 35.3053, 38.9755,



# 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

35.3053, 38.9755, 56.7012

### Protanopia

38.0347, 38.7767, 54.1952

### Deuteranopia

39.6386, 38.7260, 57.6102



## Tritanopia

34.3944, 38.8783, 52.7052

# Trichromacy



## Original Color

35.3053, 38.9755, 56.7012

## Protanomaly

36.9242, 38.7354, 54.8208

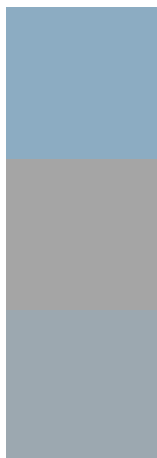
## Deuteranomaly

37.7846, 38.5835, 57.0857

## Tritanomaly

34.8853, 39.0938, 54.4224

# Monochromacy



## Original Color

35.3053, 38.9755, 56.7012

## Achromatopsia

35.7637, 37.6262, 40.9749

## Achromatomaly

35.5494, 38.2078, 46.5755

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 35.3053, 38.9755, 56.7012 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(140, 172, 194)` looks like.

```
.text, #text, p{  
    color:rgb(140, 172, 194)  
}
```

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(140, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 172, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 35.3053, 38.9755, 56.7012 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(140, 172, 194) }
```



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

```
.border{ border-color:rgb(140, 172, 194) }
```

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

Here you see how a box with a 4 pixel rgb(140, 172, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 172, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 172, 194);  
box-shadow:4px 4px 4px 4px rgb(140, 172,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 35.3053, 38.9755, 56.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 172, 194) }
```

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

```
.background{ background-color: rgb(140,  
172, 194) }
```

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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