

# Converting Colors

XYZ(39.4889, 42.9038, 56.1267)

Have a look what the booklet for  
XYZ(39.4889, 42.9038, 56.1267)  
contains.

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# Color

**XYZ(39.5354, 42.9157,  
56.0690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EB2C0
RGB	158, 178, 192
RGB Percent	62%, 70%, 75%
CMY	0.3804, 0.3019, 0.2471
CMYK	0.18, 0.07, 0.00, 0.25
HSL	205°, 21%, 69%
HSV	205°, 18%, 75%
XYZ	39.5354, 42.9157, 56.0690
YIQ	173.6160, -16.4140, 0.1140

# Conversions

## Conversions Part 2

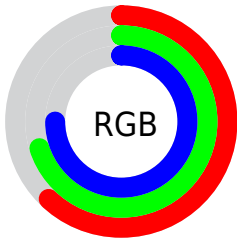
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 171, 192
Decimal	10400448
CIE <sub>Lab</sub>	71.50, -3.91, -9.45
CIE <sub>LCh</sub>	71, 10.224, 247.533
Yxy	42.9157, 0.2854, 0.3098
Android (android.graphics.Color)	4288590528 (0xFF9EB2C0)
YUV	173.6160, 9.0633, -13.6952
Hunter-Lab	65.5101, -6.9177, -4.8883

# Details

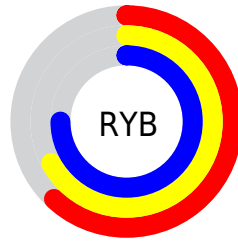
The XYZ color **39.5354, 42.9157, 56.0690** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6627, 43.1801, 38.4347**, and the grayscale version is **39.9973, 42.0803, 45.8254**.

A 20% lighter version of the original color is **73.8067, 79.7691, 100.3139**, and **17.9377, 19.5955, 27.2630** is the 20% darker color. If you saturate the color by 10%, you get **34.5223, 38.0644, 55.3975**, and if you desaturate by 10%, it is **45.2317, 48.2560, 56.8002**.

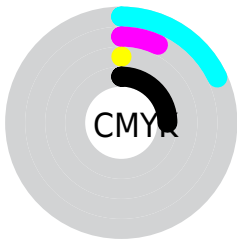
# Distribution



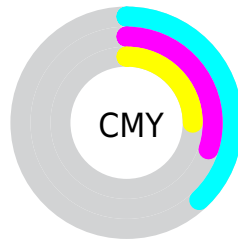
- Red (62%)
- Green (70%)
- Blue (75%)



- Red (62%)
- Yellow (67%)
- Blue (75%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (30%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5354, 42.9157, 56.0690 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 39.5354, 42.9157, 56.0690 by changing the saturation by 10% instead.



■ 39.5354, 42.9157,  
56.0690

■ 39.5354, 42.9157,  
56.0690

335.3295,  
358.2650, 427.3471

■ 27.3591, 29.8190,  
39.8539

■ 73.7444, 79.5836,  
100.5923

■ 17.9811, 19.7012,  
27.1117

■ 96.5077, 103.9236,  
129.7375

■ 11.0360, 12.1781,  
17.4240

123.5308,  
132.7802, 164.0298

■ 6.1585, 6.8651,  
10.3721

155.1790,  
166.5377, 203.8878

■ 2.9833, 3.3779,  
5.5375

191.8176,  
205.5805, 249.7300

■ 1.1449, 1.3320,  
2.5018

233.8120,

■ 0.0622, 0.1658,

250.2931, 301.9749

0.8411

281.5275,  
301.0598, 361.0411

■ 0.0000, 0.0000,  
0.0000

■ 39.5354, 42.9157,  
56.0690

■ 39.5354, 42.9157,  
56.0690

■ 34.5223, 38.0644,  
55.3975

■ 45.2317, 48.2560,  
56.8002

■ 30.1598, 33.6798,  
54.7811

■ 51.6345, 54.0960,  
57.5900

■ 26.4182, 29.7452,  
54.2189

■ 58.7705, 60.4530,  
58.4409

■ 23.2636, 26.2409,  
53.7087

■ 66.6638, 67.3413,  
59.3545

■ 20.6589, 23.1453,  
53.2485

■ 75.3375, 74.7749,  
60.3322

■ 18.5620, 20.4341,  
52.8357

■ 77.7966, 79.1499,  
61.0470

■ 16.9241, 18.0798,  
52.4676

■ 79.9887, 83.5341,  
61.7777

■ 15.6739, 16.0426,  
52.1403

■ 82.2812, 88.1190,  
62.5419

■ 15.4147, 15.6061,  
52.0697

■ 84.6752, 92.9070,  
63.3399

# Harmonies

## Analogous

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



38.2155, 42.9157, 52.7582



39.5354, 42.9157, 56.0690



41.2265, 42.9157, 56.7938

# Triad

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



39.5354, 42.9157, 56.0690



44.1681, 42.9157, 45.4934



38.8023, 42.9157, 39.5913

# Complementary

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



39.5354, 42.9157, 56.0690



42.6627, 43.1801, 38.4347

# 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.



40.3567, 42.9157, 37.9277



39.5354, 42.9157, 56.0690



43.4778, 42.9157, 41.1755

# Square

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



39.5354, 42.9157, 56.0690



43.9332, 42.9157, 50.4536



42.0710, 42.9157, 38.4866



37.8006, 42.9157, 43.1903



# Rectangle

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



39.5354, 42.9157, 56.0690



42.3429, 42.9157, 55.6692



42.0710, 42.9157, 38.4866



39.2757, 42.9157, 38.7992

# Sweetspot

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



39.5367, 42.9175, 56.0700



84.8787, 90.1274, 103.2830



40.3590, 47.9324, 45.9542



18.0384, 19.1783, 22.1364



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

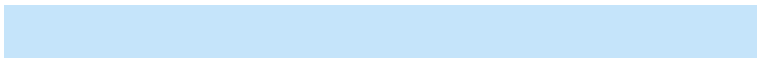


# Same Dimension

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



39.5367, 42.9175, 56.0700



68.2005, 74.4721, 101.1403



36.4307, 36.7056, 55.0346



10.0096, 10.7106, 12.8246



10.4505, 10.6575, 35.0629



0.5181, 0.5936, 1.5371



# Inverse Universe

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



42.0020, 38.8755, 47.4115



73.4950, 66.0473, 82.4882



46.0222, 49.8992, 39.5545



10.3162, 10.1751, 11.7555



16.6709, 8.3581, 11.4450

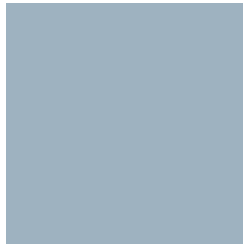


0.7539, 0.3746, 0.6714



# Previews

## White Background



This preview shows how the XYZ color 39.5354, 42.9157, 56.0690 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

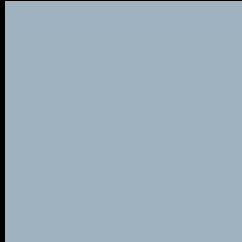
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.5354, 42.9157, 56.0690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

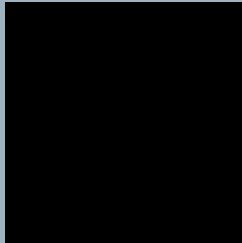
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

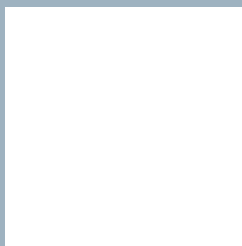
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 39.5354, 42.9157, 56.0690**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.5354, 42.9157, 56.0690.



This preview shows how white text looks on a background with the XYZ color 39.5354, 42.9157,



# 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

39.5354, 42.9157, 56.0690

### Protanopia

41.7769, 42.9449, 54.2314

### Deuteranopia

43.6408, 42.7118, 56.9830



## Tritanopia

39.5354, 42.9157, 56.0690

# Trichromacy



## Original Color

39.5354, 42.9157, 56.0690

## Protanomaly

40.7727, 42.7025, 54.8086

## Deuteranomaly

42.0248, 42.7361, 56.4860

## Tritanomaly

39.5354, 42.9157, 56.0690

# Monochromacy



## Original Color

39.5354, 42.9157, 56.0690

## Achromatopsia

40.2316, 42.3268, 46.0938

## Achromatomaly

39.8189, 42.3210, 49.7861

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.5354, 42.9157, 56.0690 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(158, 178, 192) looks like.

```
.text, #text, p{  
    color:rgb(158, 178, 192)  
}
```

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(158, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 178, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 39.5354, 42.9157, 56.0690 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(158, 178, 192) }
```



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

```
.border{ border-color:rgb(158, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(158, 178,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.5354, 42.9157, 56.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 178, 192) }
```

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

```
.background{ background-color: rgb(158,  
178, 192) }
```

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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