

Converting Colors

XYZ(34.9081, 39.2813, 56.6634)

Have a look what the booklet for
XYZ(34.9081, 39.2813, 56.6634)
contains.

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Color

**XYZ(35.0270, 39.4014,
56.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	88AEC2
RGB	136, 174, 194
RGB Percent	53%, 68%, 76%
CMY	0.4667, 0.3176, 0.2392
CMYK	0.30, 0.10, 0.00, 0.24
HSL	201°, 32%, 65%
HSV	201°, 30%, 76%
XYZ	35.0270, 39.4014, 56.7980
YIQ	164.9180, -29.0680, -1.8360

Conversions

Conversions Part 2

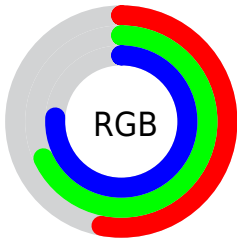
Format	Color
R_{YB}	136, 159, 194
Decimal	8957634
CIE _{Lab}	69.04, -8.08, -14.38
CIE _{LCh}	69, 16.492, 240.656
Yxy	39.4014, 0.2669, 0.3003
Android (android.graphics.Color)	4287147714 (0xFF88AEC2)
YUV	164.9180, 14.3374, -25.3611
Hunter-Lab	62.7705, -10.2425, -9.7093

Details

The XYZ color **35.0270, 39.4014, 56.7980** is a light color, and the websafe version is hex **669999**. A complement of this color would be **38.5810, 37.0242, 28.4065**, and the grayscale version is **35.6693, 37.5269, 40.8668**.

A 20% lighter version of the original color is **66.9178, 74.0800, 102.0387**, and **15.3493, 17.6973, 27.4179** is the 20% darker color. If you saturate the color by 10%, you get **30.8969, 35.4023, 56.2444**, and if you desaturate by 10%, it is **39.7941, 43.8264, 57.4015**.

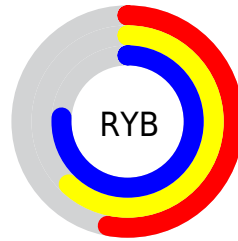
Distribution



Red (53%)

Green (68%)

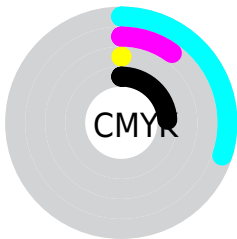
Blue (76%)



Red (53%)

Yellow (62%)

Blue (76%)

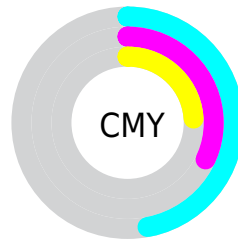


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0270, 39.4014, 56.7980 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 35.0270, 39.4014, 56.7980 by changing the saturation by 10% instead.

■ 35.0270, 39.4014,
56.7980

■ 35.0270, 39.4014,
56.7980

316.1934,
343.5941, 430.1645

■ 23.8503, 27.0721,
40.4348

■ 66.8613, 74.2511,
101.6678

■ 15.3467, 17.6274,
27.5614

■ 88.2497, 97.5404,
131.0115

■ 9.1510, 10.6828,
17.7591

■ 113.7726,
125.2517, 165.5190

■ 4.8977, 5.8540,
10.6095

143.7955,
157.7696, 205.6091

■ 2.2215, 2.7565,
5.6941

178.6836,
195.4784, 251.7001

■ 0.7540, 1.0060,
2.5942

218.8024,

■ 0.0000, 0.0000,

238.7624, 304.2106

0.8895

264.5172,
288.0062, 363.5593

■ 0.0000, 0.0000,
0.0000

■ 35.0270, 39.4014,
56.7980

■ 35.0270, 39.4014,
56.7980

■ 30.8969, 35.4023,
56.2444

■ 39.7941, 43.8264,
57.4015

■ 27.3686, 31.8065,
55.7364

■ 45.2241, 48.6890,
58.0539

■ 24.4085, 28.5966,
55.2728

■ 51.3455, 54.0063,
58.7576

■ 21.9783, 25.7511,
54.8516

■ 58.1843, 59.7929,
59.5141

■ 20.0343, 23.2461,
54.4706

■ 65.7648, 66.0627,
60.3248

■ 18.5252, 21.0536,
54.1269

■ 74.1103, 72.8289,
61.1909

■ 17.3529, 19.1216,
53.8158

■ 76.7885, 76.7767,
61.8118

■ 17.3413, 19.1023,
53.8127

■ 78.5882, 80.3760,
62.4116

■ 80.4590, 84.1177,
63.0352

Harmonies

Analogous

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



33.2677, 39.4014, 50.7141



35.0270, 39.4014, 56.7980



37.5078, 39.4014, 59.0659

Triad

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



35.0270, 39.4014, 56.7980



42.7350, 39.4014, 42.7359



34.9312, 39.4014, 31.6144

Complementary

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



35.0270, 39.4014, 56.7980



38.5810, 37.0242, 28.4065

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.



37.3920, 39.4014, 29.9931



35.0270, 39.4014, 56.7980



41.9686, 39.4014, 35.9354

Square

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



35.0270, 39.4014, 56.7980



42.0311, 39.4014, 50.3938



39.9819, 39.4014, 31.4793



33.2142, 39.4014, 36.1911

Rectangle

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



35.0270, 39.4014, 56.7980



39.2614, 39.4014, 57.9228



39.9819, 39.4014, 31.4793



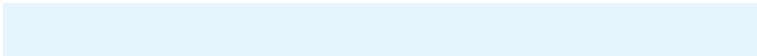
35.6949, 39.4014, 30.7314

Sweetspot

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



35.0282, 39.4030, 56.7989



82.7248, 88.9078, 105.2707



35.3904, 46.1964, 38.2098



17.7761, 19.1704, 23.0133



0.0000, 0.0000, 0.0000



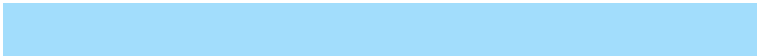
20.3446, 21.4041, 23.3091

Same Dimension

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



35.0282, 39.4030, 56.7989



58.3414, 66.4663, 102.2241



30.1194, 29.5854, 55.1627



10.0667, 10.8247, 12.8436



11.4801, 12.7167, 35.4061



0.5582, 0.6738, 1.5505

Inverse Universe

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



38.6933, 32.1347, 44.2094



66.2188, 51.6948, 74.9744



43.9026, 47.6673, 30.1803



10.3450, 10.1866, 11.9072



17.1906, 8.5660, 14.1817



0.7741, 0.3827, 0.7780

Previews

White Background



This preview shows how the XYZ color 35.0270, 39.4014, 56.7980 looks on a white background.

Color Contrast Check

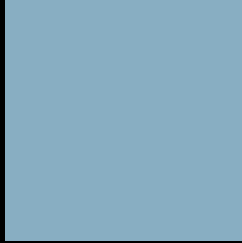
Large Text (above 18pt) WCAG AA × Fail

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 35.0270, 39.4014, 56.7980 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 35.0270, 39.4014, 56.7980

Background



This preview shows how black text looks on a background with the XYZ color 35.0270, 39.4014, 56.7980.



This preview shows how white text looks on a background with the XYZ color 35.0270, 39.4014,

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

35.0270, 39.4014, 56.7980

Protanopia

38.5211, 39.3109, 53.7016

Deuteranopia

40.0339, 39.1944, 57.6798



Tritanopia

34.5070, 39.4850, 53.9468

Trichromacy



Original Color

35.0270, 39.4014, 56.7980

Protanomaly

37.1051, 39.3811, 54.9359

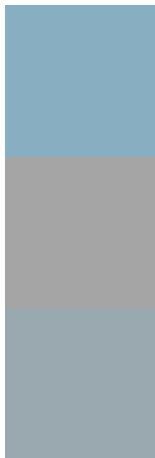
Deuteranomaly

37.9535, 39.2145, 57.1985

Tritanomaly

34.7256, 39.5724, 55.0982

Monochromacy



Original Color

35.0270, 39.4014, 56.7980

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1655, 38.0099, 46.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0270, 39.4014, 56.7980 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(136, 174, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 174, 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(136, 174, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 174, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.0270, 39.4014, 56.7980 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(136, 174, 194) }
```


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

```
.border{ border-color:rgb(136, 174, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 174, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 174, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 174, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 174,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0270, 39.4014, 56.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 174, 194) }
```

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

```
.background{ background-color: rgb(136,  
174, 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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