

Converting Colors

XYZ(34.5758, 39.9405, 54.1046)

Have a look what the booklet for
XYZ(34.5758, 39.9405, 54.1046)
contains.

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Color

**XYZ(34.5422, 39.7931,
54.0044)**

Conversions

Conversions Part 1

Format	Color
Hex	86B0BD
RGB	134, 176, 189
RGB Percent	53%, 69%, 74%
CMY	0.4745, 0.3098, 0.2588
CMYK	0.29, 0.07, 0.00, 0.26
HSL	194°, 29%, 63%
HSV	194°, 29%, 74%
XYZ	34.5422, 39.7931, 54.0044
YIQ	164.9240, -29.2050, -4.8610

Conversions

Conversions Part 2

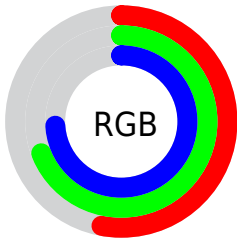
Format	Color
RYB	134, 158, 189
Decimal	8827069
CIELab	69.32, -10.95, -11.21
CIELCh	69, 15.671, 225.655
Yxy	39.7931, 0.2691, 0.3101
Android (android.graphics.Color)	4287017149 (0xFF86B0BD)
YUV	164.9240, 11.8695, -27.1203
Hunter-Lab	63.0818, -12.6504, -6.6010

Details

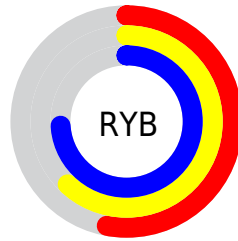
The XYZ color **34.5422, 39.7931, 54.0044** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7237, 33.4080, 27.1209**, and the grayscale version is **35.6837, 37.5420, 40.8832**.

A 20% lighter version of the original color is **66.0771, 74.9972, 97.3795**, and **15.0066, 17.7373, 25.9253** is the 20% darker color. If you saturate the color by 10%, you get **30.9337, 36.6549, 53.5895**, and if you desaturate by 10%, it is **38.7203, 43.2697, 54.4559**.

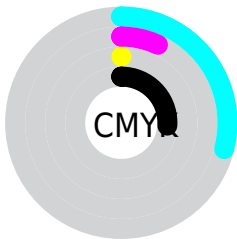
Distribution



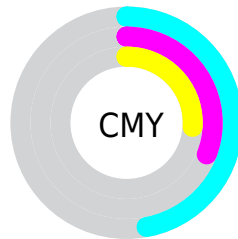
- Red (53%)
- Green (69%)
- Blue (74%)



- Red (53%)
- Yellow (62%)
- Blue (74%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (47%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5422, 39.7931, 54.0044 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 34.5422, 39.7931, 54.0044 by changing the saturation by 10% instead.

■ 34.5422, 39.7931,
54.0044

■ 34.5422, 39.7931,
54.0044

314.0865,
345.2507, 419.3019

■ 23.4753, 27.3773,
38.2120

■ 66.1147, 74.8484,
97.5372

■ 15.0675, 17.8568,
25.8441

■ 87.3509, 98.2566,
126.1146

■ 8.9534, 10.8472,
16.4824

■ 112.7077,
126.0977, 159.7908

■ 4.7677, 5.9642,
9.7081

142.5503,
158.7561, 198.9843

■ 2.1449, 2.8233,
5.1028

177.2442,
196.6162, 244.1136

■ 0.7135, 1.0402,
2.2479

217.1546,

■ 0.0000, 0.0000,

240.0624, 295.5972

0.7018

262.6469,
289.4792, 353.8538

■ 0.0000, 0.0000,
0.0000

■ 34.5422, 39.7931,
54.0044

■ 34.5422, 39.7931,
54.0044

■ 30.9337, 36.6549,
53.5895

■ 38.7203, 43.2697,
54.4559

■ 27.8622, 33.8350,
53.2071

■ 43.4913, 47.0940,
54.9426

■ 25.2973, 31.3182,
52.8565

■ 48.8813, 51.2811,
55.4667

■ 23.2040, 29.0861,
52.5360

■ 54.9139, 55.8435,
56.0294

■ 21.5424, 27.1176,
52.2436

■ 61.6115, 60.7930,
56.6318

■ 20.2659, 25.3884,
51.9771

■ 68.9954, 66.1410,
57.2748

■ 19.2919, 23.8554,
51.7326

■ 72.8038, 69.6910,
57.7593

■ 19.2093, 23.7219,
51.7112

■ 73.9033, 71.8899,
58.1258

■ 75.0336, 74.1505,
58.5026

Harmonies

Analogous

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



33.3548, 39.7931, 47.1730



34.5422, 39.7931, 54.0044



36.6368, 39.7931, 58.1758

Triad

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



34.5422, 39.7931, 54.0044



42.7025, 39.7931, 46.8501



36.5324, 39.7931, 31.3153

Complementary

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



34.5422, 39.7931, 54.0044



35.7237, 33.4080, 27.1209

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.



39.0328, 39.7931, 31.2493



34.5422, 39.7931, 54.0044



42.6715, 39.7931, 39.6977

Square

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



34.5422, 39.7931, 54.0044



41.3864, 39.7931, 53.7455



41.3034, 39.7931, 34.1603



34.4687, 39.7931, 34.3518

Rectangle

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



34.5422, 39.7931, 54.0044



38.3006, 39.7931, 58.6203



41.3034, 39.7931, 34.1603



37.3477, 39.7931, 30.9572

Sweetspot

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



34.5434, 39.7947, 54.0053



77.8513, 84.3124, 98.3969



33.2834, 43.5657, 34.1911



16.4593, 17.9078, 21.1316



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.5434, 39.7947, 54.0053



57.5767, 67.5715, 96.2342



29.7126, 30.1331, 52.3950



9.6123, 10.4169, 12.1762



12.9854, 16.0826, 34.8128



0.5558, 0.7244, 1.3794

Inverse Universe

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



37.3489, 31.0047, 45.0920



63.5346, 49.6259, 77.1435



40.4907, 42.9420, 28.7099



9.8309, 9.6567, 11.4986



17.5552, 8.6532, 18.7492



0.7115, 0.3485, 0.8599

Previews

White Background



This preview shows how the XYZ color 34.5422, 39.7931, 54.0044 looks on a white background.

Color Contrast Check

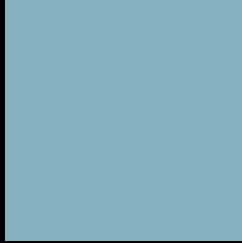
Large Text (above 18pt) WCAG AA × Fail

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 34.5422, 39.7931, 54.0044 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

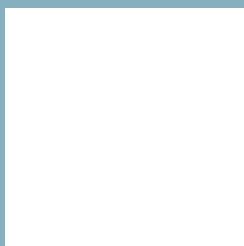
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5422, 39.7931, 54.0044

Background



This preview shows how black text looks on a background with the XYZ color 34.5422, 39.7931, 54.0044.



This preview shows how white text looks on a background with the XYZ color 34.5422, 39.7931,

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

34.5422, 39.7931, 54.0044

Protanopia

38.5907, 39.6814, 50.9727

Deuteranopia

40.1350, 39.3112, 54.7627



Tritanopia

34.6511, 39.8367, 54.5781

Trichromacy



Original Color

34.5422, 39.7931, 54.0044

Protanomaly

36.9434, 39.6396, 52.1584

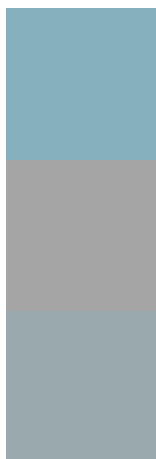
Deuteranomaly

37.5950, 39.0939, 54.2796

Tritanomaly

34.6511, 39.8367, 54.5781

Monochromacy



Original Color

34.5422, 39.7931, 54.0044

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1544, 38.3020, 45.5846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5422, 39.7931, 54.0044 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(134, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(134, 176, 189)  
}
```

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(134, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 176, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.5422, 39.7931, 54.0044 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(134, 176, 189) }
```


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

```
.border{ border-color:rgb(134, 176, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 176, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 176, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 176, 189);  
box-shadow:4px 4px 4px 4px rgb(134, 176,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5422, 39.7931, 54.0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 176, 189) }
```

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

```
.background{ background-color: rgb(134,  
176, 189) }
```

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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