

Converting Colors

XYZ(35.1899, 38.8442, 55.1946)

Have a look what the booklet for
XYZ(35.1899, 38.8442, 55.1946)
contains.

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Color

**XYZ(35.1410, 38.9294,
54.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	8DACBF
RGB	141, 172, 191
RGB Percent	55%, 67%, 75%
CMY	0.4471, 0.3255, 0.2510
CMYK	0.26, 0.10, 0.00, 0.25
HSL	203°, 28%, 65%
HSV	203°, 26%, 75%
XYZ	35.1410, 38.9294, 54.9522
YIQ	164.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

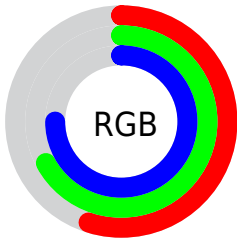
Format	Color
R _Y B	141, 160, 191
Decimal	9284799
CIE Lab	68.70, -6.22, -13.20
CIE LCh	69, 14.594, 244.757
Yxy	38.9294, 0.2724, 0.3017
Android (android.graphics.Color)	4287474879 (0xFF8DACBF)
YUV	164.8970, 12.8688, -20.9577
Hunter-Lab	62.3934, -8.6544, -8.5435

Details

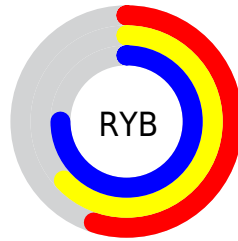
The XYZ color **35.1410, 38.9294, 54.9522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8648, 38.1412, 30.5138**, and the grayscale version is **35.6645, 37.5218, 40.8613**.

A 20% lighter version of the original color is **66.7633, 73.2557, 98.6166**, and **15.4237, 17.3918, 26.5888** is the 20% darker color. If you saturate the color by 10%, you get **30.8257, 34.7109, 54.3660**, and if you desaturate by 10%, it is **40.0942, 43.5906, 55.5915**.

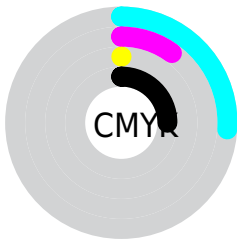
Distribution



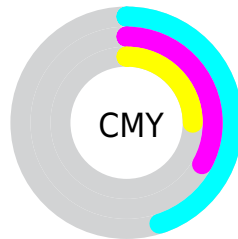
- Red (55%)
- Green (67%)
- Blue (75%)



- Red (55%)
- Yellow (63%)
- Blue (75%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1410, 38.9294, 54.9522 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 35.1410, 38.9294, 54.9522 by changing the saturation by 10% instead.

■ 35.1410, 38.9294,
54.9522

■ 35.1410, 38.9294,
54.9522

316.6874,
341.5902, 423.0076

■ 23.9385, 26.7048,
38.9651

■ 67.0367, 73.5305,
98.9414

■ 15.4125, 17.3516,
26.4250

■ 88.4607, 96.6757,
127.7805

■ 9.1976, 10.4855,
16.9132

114.0225,
124.2300, 161.7408

■ 4.9284, 5.7220,
10.0113

144.0876,
156.5776, 201.2407

■ 2.2397, 2.6768,
5.3008

179.0213,
194.1031, 246.6988

■ 0.7635, 0.9654,
2.3630

219.1889,

■ 0.0000, 0.0000,

237.1908, 298.5336

0.7662

264.9558,
286.2250, 357.1637

■ 0.0000, 0.0000,
0.0000

■ 35.1410, 38.9294,
54.9522

■ 35.1410, 38.9294,
54.9522

■ 30.8257, 34.7109,
54.3660

■ 40.0942, 43.5906,
55.5915

■ 27.1148, 30.9133,
53.8286

■ 45.7096, 48.7060,
56.2829

■ 23.9770, 27.5195,
53.3389

■ 52.0145, 54.2922,
57.0288

■ 21.3764, 24.5092,
52.8949

■ 59.0335, 60.3636,
57.8308

■ 19.2729, 21.8598,
52.4944

■ 66.7900, 66.9339,
58.6902

■ 17.6197, 19.5452,
52.1348

■ 75.0841, 73.9016,
59.5979

■ 16.3575, 17.5328,
51.8129

■ 76.9795, 77.6925,
60.2298

■ 15.9331, 16.8197,
51.6976

■ 78.9581, 81.6496,
60.8893

■ 81.0207, 85.7749,
61.5768

Harmonies

Analogous

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



33.4741, 38.9294, 50.0528



35.1410, 38.9294, 54.9522



37.3704, 38.9294, 56.3547

Triad

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



35.1410, 38.9294, 54.9522



41.6017, 38.9294, 41.3424



34.5288, 38.9294, 32.7807

Complementary

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



35.1410, 38.9294, 54.9522



38.8648, 38.1412, 30.5138

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.



36.6345, 38.9294, 30.9427



35.1410, 38.9294, 54.9522



40.7678, 38.9294, 35.5477

Square

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



35.1410, 38.9294, 54.9522



41.1616, 38.9294, 48.0412



38.9260, 38.9294, 31.9008



33.1311, 38.9294, 37.1958

Rectangle

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



35.1410, 38.9294, 54.9522



38.8907, 38.9294, 55.0064



38.9260, 38.9294, 31.9008



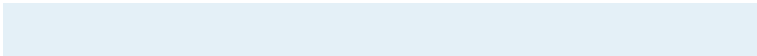
35.1740, 38.9294, 31.8631

Sweetspot

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



35.1422, 38.9310, 54.9531



79.8092, 85.3804, 100.5528



35.9031, 45.4399, 39.8321



17.1795, 18.4357, 22.0383



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.



35.1422, 38.9310, 54.9531



58.6930, 65.6127, 97.8502



30.9270, 30.5006, 53.5480



9.4958, 10.1838, 12.1374



10.5505, 11.2128, 34.0011



0.4745, 0.5617, 1.3523

Inverse Universe

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



38.4581, 33.1056, 43.3946



65.6654, 53.9130, 73.4228



43.5041, 47.4198, 32.0602



9.7721, 9.6331, 11.1888



16.3262, 8.1616, 12.2772



0.6704, 0.3321, 0.6437

Previews

White Background



This preview shows how the XYZ color 35.1410, 38.9294, 54.9522 looks on a white background.

Color Contrast Check

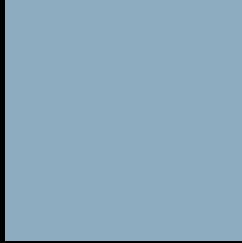
Large Text (above 18pt) WCAG AA × Fail

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 35.1410, 38.9294, 54.9522 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 35.1410, 38.9294, 54.9522

Background



This preview shows how black text looks on a background with the XYZ color 35.1410, 38.9294, 54.9522.



This preview shows how white text looks on a background with the XYZ color 35.1410, 38.9294,

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

35.1410, 38.9294, 54.9522

Protanopia

37.9157, 38.7528, 52.4954

Deuteranopia

39.5174, 38.7026, 55.8396



Tritanopia

34.7284, 39.0504, 52.7208

Trichromacy



Original Color

35.1410, 38.9294, 54.9522

Protanomaly

36.7900, 38.7040, 53.1085

Deuteranomaly

37.6479, 38.5518, 55.3262

Tritanomaly

34.8359, 39.0934, 53.2867

Monochromacy



Original Color

35.1410, 38.9294, 54.9522

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3529, 38.1292, 45.5408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1410, 38.9294, 54.9522 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(141, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(141, 172, 191)  
}
```

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(141, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 172, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.1410, 38.9294, 54.9522 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(141, 172, 191) }
```


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

```
.border{ border-color:rgb(141, 172, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(141, 172,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1410, 38.9294, 54.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 172, 191) }
```

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

```
.background{ background-color: rgb(141,  
172, 191) }
```

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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