

Converting Colors

XYZ(35.3402, 38.0641, 58.3746)

Have a look what the booklet for
XYZ(35.3402, 38.0641, 58.3746)
contains.

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Color

**XYZ(35.4213, 38.1579,
58.3216)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA9C5
RGB	142, 169, 197
RGB Percent	56%, 66%, 77%
CMY	0.4431, 0.3372, 0.2274
CMYK	0.28, 0.14, 0.00, 0.23
HSL	211°, 32%, 66%
HSV	211°, 28%, 77%
XYZ	35.4213, 38.1579, 58.3216
YIQ	164.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

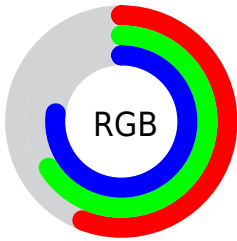
Format	Color
RYB	142, 160, 197
Decimal	9349573
CIELab	68.14, -2.84, -17.36
CIElCh	68, 17.593, 260.696
Yxy	38.1579, 0.2685, 0.2893
Android (android.graphics.Color)	4287539653 (0xFF8EA9C5)
YUV	164.1190, 16.2103, -19.3984
Hunter-Lab	61.7721, -5.7458, -12.7377

Details

The XYZ color **35.4213, 38.1579, 58.3216** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.2836, 42.5730, 31.5810**, and the grayscale version is **35.2780, 37.1152, 40.4184**.

A 20% lighter version of the original color is **67.5710, 72.3374, 104.1671**, and **15.5357, 16.8794, 28.4258** is the 20% darker color. If you saturate the color by 10%, you get **30.5409, 32.9785, 57.5798**, and if you desaturate by 10%, it is **41.0446, 43.9345, 59.1409**.

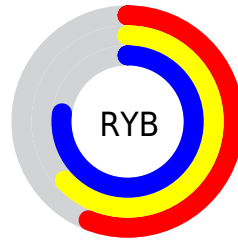
Distribution



Red (56%)

Green (66%)

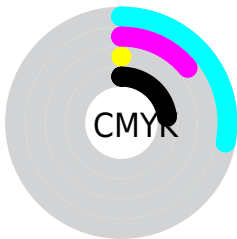
Blue (77%)



Red (56%)

Yellow (63%)

Blue (77%)

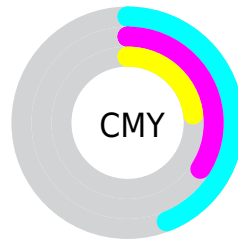


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4213, 38.1579, 58.3216 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 35.4213, 38.1579, 58.3216 by changing the saturation by 10% instead.

■ 35.4213, 38.1579,
58.3216

■ 35.4213, 38.1579,
58.3216

317.8996,
338.2968, 436.0149

■ 24.1556, 26.1053,
41.6508

■ 67.4676, 72.3501,
103.9104

■ 15.5745, 16.9024,
28.5045

■ 88.9790, 95.2584,
133.6656

■ 9.3125, 10.1649,
18.4639

114.6364,
122.5541, 168.6193

■ 5.0043, 5.5085,
11.1107

144.8050,
154.6216, 209.1901

■ 2.2846, 2.5486,
6.0262

179.8503,
191.8452, 255.7965

■ 0.7867, 0.9009,
2.7920

220.1375,

■ 0.0000, 0.0000,

234.6093, 308.8571

0.9894

266.0322,
283.2984, 368.7904

■ 0.0000, 0.0000,
0.0000

■ 35.4213, 38.1579,
58.3216

■ 35.4213, 38.1579,
58.3216

■ 30.5409, 32.9785,
57.5798

■ 41.0446, 43.9345,
59.1409

■ 26.3651, 28.3692,
56.9102

■ 47.4394, 50.3250,
60.0373

■ 22.8575, 24.3072,
56.3110

■ 54.6371, 57.3509,
61.0141

■ 19.9766, 20.7660,
55.7793

■ 62.6663, 65.0312,
62.0733

■ 17.6758, 17.7162,
55.3119

■ 71.5540, 73.3840,
63.2172

■ 15.9009, 15.1245,
54.9052

■ 79.3859, 81.4267,
64.3568

■ 14.5727, 12.9442,
54.5543

■ 82.2442, 87.1434,
65.3096

■ 14.3266, 12.5281,
54.4870

■ 85.2656, 93.1861,
66.3167

■ 87.0782, 96.8113,
66.9209

Harmonies

Analogous

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



33.0262, 38.1579, 54.3766



35.4213, 38.1579, 58.3216



38.1655, 38.1579, 57.3533

Triad

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



35.4213, 38.1579, 58.3216



41.4330, 38.1579, 36.4308



32.3351, 38.1579, 32.6890

Complementary

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



35.4213, 38.1579, 58.3216



42.2836, 42.5730, 31.5810

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.



34.4343, 38.1579, 28.9502



35.4213, 38.1579, 58.3216



39.7151, 38.1579, 30.9138

Square

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



35.4213, 38.1579, 58.3216



41.7301, 38.1579, 44.0395



37.1280, 38.1579, 28.3441



31.3045, 38.1579, 39.1512

Rectangle

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



35.4213, 38.1579, 58.3216



39.8196, 38.1579, 54.0945



37.1280, 38.1579, 28.3441



32.9340, 38.1579, 31.1081

Sweetspot

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



35.4225, 38.1594, 58.3225



84.7151, 89.8863, 107.4926



38.3309, 48.5674, 45.1377



17.7394, 18.8503, 22.9535



0.0000, 0.0000, 0.0000



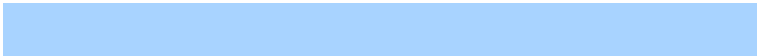
20.3446, 21.4041, 23.3091

Same Dimension

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



35.4225, 38.1594, 58.3225



57.5230, 62.0989, 103.5622



30.9073, 29.1290, 56.8174



10.4794, 11.1329, 13.5140



9.5063, 8.4066, 35.8660



0.5226, 0.5430, 1.7224

Inverse Universe

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



39.8613, 34.0819, 42.0153



67.0389, 54.0725, 68.4425



47.8754, 53.7565, 33.4449



10.8473, 10.7223, 12.1789



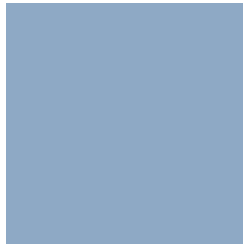
16.5977, 8.3886, 8.3572



0.8225, 0.4118, 0.5883

Previews

White Background



This preview shows how the XYZ color 35.4213, 38.1579, 58.3216 looks on a white background.

Color Contrast Check

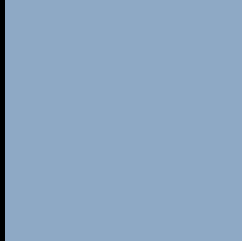
Large Text (above 18pt) WCAG AA × Fail

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 35.4213, 38.1579, 58.3216 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

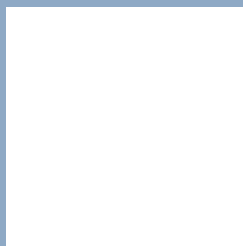
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4213, 38.1579, 58.3216

Background



This preview shows how black text looks on a background with the XYZ color 35.4213, 38.1579, 58.3216.



This preview shows how white text looks on a background with the XYZ color 35.4213, 38.1579,

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

35.4213, 38.1579, 58.3216

Protanopia

37.5103, 37.9195, 56.3811

Deuteranopia

38.8393, 38.0249, 58.7186



Tritanopia

33.9673, 38.1176, 51.4661

Trichromacy



Original Color

35.4213, 38.1579, 58.3216

Protanomaly

36.6234, 37.9849, 57.0313

Deuteranomaly

37.5528, 38.1556, 58.8116

Tritanomaly

34.3753, 37.9990, 53.6669

Monochromacy



Original Color

35.4213, 38.1579, 58.3216

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1830, 37.4749, 46.4533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4213, 38.1579, 58.3216 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(142, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(142, 169, 197)  
}
```

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(142, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 169, 197) }
```

Border

The CSS property to change the border of an element to XYZ 35.4213, 38.1579, 58.3216 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(142, 169, 197) }
```


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

```
.border{ border-color:rgb(142, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(142, 169,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4213, 38.1579, 58.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 169, 197) }
```

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

```
.background{ background-color: rgb(142,  
169, 197) }
```

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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