

Converting Colors

XYZ(34.5405, 35.7326, 59.1108)

Have a look what the booklet for
XYZ(34.5405, 35.7326, 59.1108)
contains.

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Color

**XYZ(34.5568, 35.8038,
59.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA2C7
RGB	143, 162, 199
RGB Percent	56%, 64%, 78%
CMY	0.4392, 0.3647, 0.2196
CMYK	0.28, 0.19, 0.00, 0.22
HSL	220°, 33%, 67%
HSV	220°, 28%, 78%
XYZ	34.5568, 35.8038, 59.1223
YIQ	160.5370, -23.2010, 7.4790

Conversions

Conversions Part 2

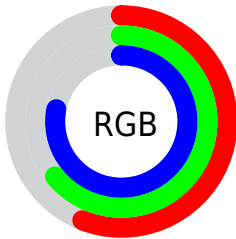
Format	Color
RYB	143, 157, 199
Decimal	9413319
CIELab	66.37, 1.82, -21.15
CIElCh	66, 21.227, 274.922
Yxy	35.8038, 0.2669, 0.2765
Android (android.graphics.Color)	4287603399 (0xFF8FA2C7)
YUV	160.5370, 18.9623, -15.3799
Hunter-Lab	59.8363, -1.6257, -16.6971

Details

The XYZ color **34.5568, 35.8038, 59.1223** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.8329, 46.7681, 32.6518**, and the grayscale version is **33.5852, 35.3342, 38.4790**.

A 20% lighter version of the original color is **66.1516, 68.8515, 104.4108**, and **15.1097, 15.6374, 29.0100** is the 20% darker color. If you saturate the color by 10%, you get **29.2165, 29.7912, 58.2438**, and if you desaturate by 10%, it is **40.7526, 42.6186, 60.1117**.

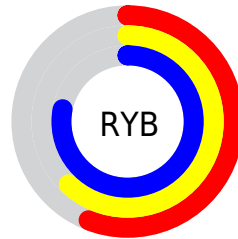
Distribution



Red (56%)

Green (64%)

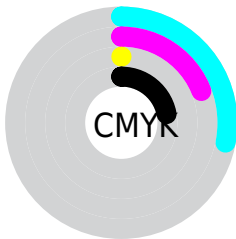
Blue (78%)



Red (56%)

Yellow (62%)

Blue (78%)

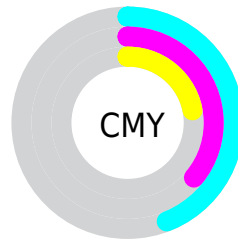


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5568, 35.8038, 59.1223 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 34.5568, 35.8038, 59.1223 by changing the saturation by 10% instead.

■ 34.5568, 35.8038,
59.1223

■ 34.5568, 35.8038,
59.1223

314.1501,
328.1022, 439.0695

■ 23.4866, 24.2827,
42.2909

■ 66.1372, 68.7291,
105.0863

■ 15.0759, 15.5435,
29.0019

■ 87.3780, 90.9022,
135.0559

■ 8.9593, 9.2017,
18.8367

112.7398,
117.3946, 170.2421

■ 4.7716, 4.8730,
11.3767

142.5879,
148.5909, 211.0633

■ 2.1472, 2.1729,
6.2035

177.2876,
184.8754, 257.9381

■ 0.7147, 0.7052,
2.8984

217.2043,

■ 0.0000, 0.0000,

226.6325, 311.2851

1.0430

262.7034,
274.2466, 371.5227

■ 0.0000, 0.0000,
0.0000

■ 34.5568, 35.8038,
59.1223

■ 34.5568, 35.8038,
59.1223

■ 29.2165, 29.7912,
58.2438

■ 40.7526, 42.6186,
60.1117

■ 24.6887, 24.5452,
57.4699

■ 47.8376, 50.2610,
61.2134

■ 20.9314, 20.0333,
56.7970

■ 55.8476, 58.7603,
62.4318

■ 17.8973, 16.2190,
56.2207

■ 64.8155, 68.1432,
63.7702

■ 15.5334, 13.0621,
55.7360

■ 74.7724, 78.4351,
65.2320

■ 13.7784, 10.5172,
55.3372

■ 82.9717, 88.2292,
66.6903

■ 12.5434, 8.5238,
55.0176

■ 87.0028, 96.2914,
68.0340

■ 12.3473, 8.2003,
54.9655

■ 87.3089, 96.9036,
68.1360

Harmonies

Analogous

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



31.5084, 35.8038, 57.0567



34.5568, 35.8038, 59.1223



37.6455, 35.8038, 55.1452

Triad

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



34.5568, 35.8038, 59.1223



39.2843, 35.8038, 29.8093



28.7962, 35.8038, 32.0346

Complementary

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



34.5568, 35.8038, 59.1223



44.8329, 46.7681, 32.6518

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.



30.6546, 35.8038, 26.3363



34.5568, 35.8038, 59.1223



36.6836, 35.8038, 25.1984

Square

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



34.5568, 35.8038, 59.1223



40.4810, 35.8038, 37.5036



33.5094, 35.8038, 24.0331



28.3044, 35.8038, 40.5033

Rectangle

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



34.5568, 35.8038, 59.1223



39.2738, 35.8038, 49.9177



33.5094, 35.8038, 24.0331



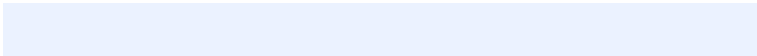
29.2758, 35.8038, 29.7766

Sweetspot

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



34.5579, 35.8052, 59.1231



83.7890, 88.0342, 107.1839



39.9291, 49.9581, 50.3994



17.5067, 18.3851, 22.8759



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.



34.5579, 35.8052, 59.1231



54.3921, 55.8371, 102.5186



32.9690, 30.3871, 58.1611



10.3459, 10.8660, 13.4695



8.0129, 5.4197, 35.3681



0.4467, 0.3912, 1.6971

Inverse Universe

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



39.8982, 34.3967, 38.7203



65.4586, 53.4404, 60.1207



46.7675, 53.8553, 33.9178



10.7799, 10.6953, 11.8242



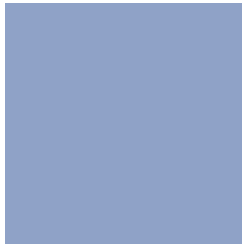
15.8439, 8.0871, 4.3876



0.7842, 0.3965, 0.3867

Previews

White Background



This preview shows how the XYZ color 34.5568, 35.8038, 59.1223 looks on a white background.

Color Contrast Check

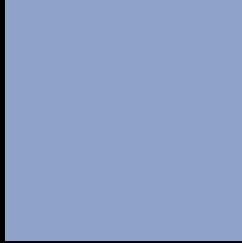
Large Text (above 18pt) WCAG AA × Fail

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 34.5568, 35.8038, 59.1223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

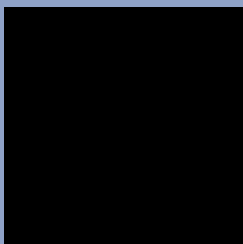
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

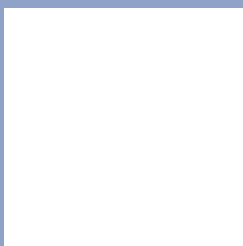
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5568, 35.8038, 59.1223

Background



This preview shows how black text looks on a background with the XYZ color 34.5568, 35.8038, 59.1223.

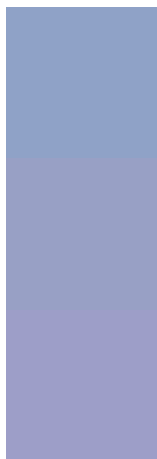


This preview shows how white text looks on a background with the XYZ color 34.5568, 35.8038,

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

34.5568, 35.8038, 59.1223

Protanopia

35.5977, 35.8482, 57.8665

Deuteranopia

36.5568, 35.7919, 59.6254



Tritanopia

32.4204, 36.0161, 47.8909

Trichromacy



Original Color

34.5568, 35.8038, 59.1223

Protanomaly

35.3323, 35.9565, 58.5042

Deuteranomaly

35.7724, 35.6418, 59.6377

Tritanomaly

33.1333, 36.0309, 51.6627

Monochromacy



Original Color

34.5568, 35.8038, 59.1223

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8092, 35.4549, 45.6190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5568, 35.8038, 59.1223 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(143, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 162, 199)  
}
```

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(143, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 162, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.5568, 35.8038, 59.1223 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(143, 162, 199) }
```


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

```
.border{ border-color:rgb(143, 162, 199) }
```

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

Here you see how a box with a 4 pixel rgb(143, 162, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 162,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5568, 35.8038, 59.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 162, 199) }
```

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

```
.background{ background-color: rgb(143,  
162, 199) }
```

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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