

Converting Colors

XYZ(34.2159, 33.5927, 56.9324)

Have a look what the booklet for
XYZ(34.2159, 33.5927, 56.9324)
contains.

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Color

**XYZ(34.2819, 33.6760,
56.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	979AC4
RGB	151, 154, 196
RGB Percent	59%, 60%, 77%
CMY	0.4078, 0.3961, 0.2314
CMYK	0.23, 0.21, 0.00, 0.23
HSL	236°, 28%, 68%
HSV	236°, 23%, 77%
XYZ	34.2819, 33.6760, 56.9178
YIQ	157.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

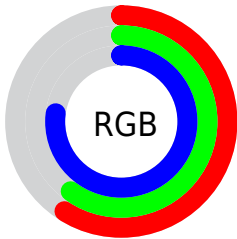
Format	Color
RYB	151, 154, 196
Decimal	9935556
CIELab	64.70, 8.05, -21.97
CIELCh	65, 23.394, 290.127
Yxy	33.6760, 0.2745, 0.2697
Android (android.graphics.Color)	4288125636 (0xFF979AC4)
YUV	157.8910, 18.7877, -6.0434
Hunter-Lab	58.0310, 3.8948, -17.5309

Details

The XYZ color **34.2819, 33.6760, 56.9178** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.4213, 52.1103, 36.8381**, and the grayscale version is **32.3734, 34.0593, 37.0906**.

A 20% lighter version of the original color is **65.7391, 65.3254, 102.0727**, and **14.8783, 14.3061, 27.5684** is the 20% darker color. If you saturate the color by 10%, you get **28.1498, 26.3698, 55.8313**, and if you desaturate by 10%, it is **41.4810, 42.2168, 58.1875**.

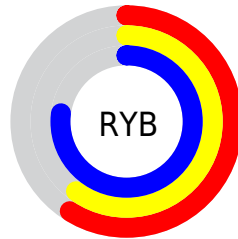
Distribution



Red (59%)

Green (60%)

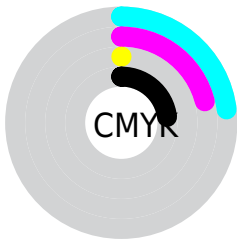
Blue (77%)



Red (59%)

Yellow (60%)

Blue (77%)

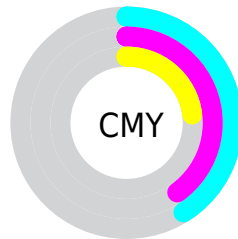


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (23%)



Cyan (41%)

Magenta (40%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2819, 33.6760, 56.9178 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 34.2819, 33.6760, 56.9178 by changing the saturation by 10% instead.

■ 34.2819, 33.6760,
56.9178

■ 34.2819, 33.6760,
56.9178

312.9510,
318.6849, 430.6263

■ 23.2742, 22.6448,
40.5303

■ 65.7132, 65.4295,
101.8444

■ 14.9179, 14.3315,
27.6353

■ 86.8675, 86.9206,
131.2206

■ 8.8477, 8.3516,
17.8143

112.1346,
112.6671, 165.7634

■ 4.6983, 4.3207,
10.6487

141.8800,
143.0535, 205.8914

■ 2.1043, 1.8545,
5.7199

176.4690,
178.4640, 252.0232

■ 0.6915, 0.5208,
2.6095

216.2669,

■ 0.0000, 0.0000,

219.2832, 304.5773

0.8974

261.6391,
265.8954, 363.9721

■ 0.0000, 0.0000,
0.0000

■ 34.2819, 33.6760,
56.9178

■ 34.2819, 33.6760,
56.9178

■ 28.1498, 26.3698,
55.8313

■ 41.4810, 42.2168,
58.1875

■ 23.0309, 20.2374,
54.9174

■ 49.7911, 52.0415,
59.6458

■ 18.8714, 15.2185,
54.1679

■ 59.2577, 63.2014,
61.3010

■ 15.6114, 11.2463,
53.5730

■ 69.9227, 75.7440,
63.1598

■ 13.1842, 8.2466,
53.1220

■ 81.8261, 89.7144,
65.2290

■ 11.5139, 6.1352,
52.8025

■ 86.9639, 96.7656,
66.3192

■ 10.5103, 4.8140,
52.6003

■ 10.1087, 4.2752,
52.5175

Harmonies

Analogous

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



30.9134, 33.6760, 58.0724



34.2819, 33.6760, 56.9178



37.2242, 33.6760, 49.8479

Triad

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



34.2819, 33.6760, 56.9178



36.3290, 33.6760, 24.2264



26.0582, 33.6760, 33.5867

Complementary

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



34.2819, 33.6760, 56.9178



47.4213, 52.1103, 36.8381

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.



27.3034, 33.6760, 26.0429



34.2819, 33.6760, 56.9178



33.1282, 33.6760, 21.2984

Square

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



34.2819, 33.6760, 56.9178



38.4623, 33.6760, 30.6647



29.8370, 33.6760, 21.8995



26.3195, 33.6760, 43.4065

Rectangle

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



34.2819, 33.6760, 56.9178



38.4733, 33.6760, 43.3206



29.8370, 33.6760, 21.8995



26.3109, 33.6760, 30.7329

Sweetspot

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



34.2830, 33.6774, 56.9186



83.6989, 86.5978, 106.9114



42.0453, 49.8767, 57.4263



17.7160, 18.3003, 22.8485



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.



34.2830, 33.6774, 56.9186



55.7820, 53.4821, 101.9908



37.5548, 34.6380, 56.9315



9.5811, 9.8534, 12.6818



6.5186, 2.7937, 33.7523



0.3006, 0.1586, 1.4647

Inverse Universe

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



39.6652, 36.2031, 35.4706



67.4136, 59.0215, 55.6207



43.5151, 51.0914, 36.8473



10.0998, 10.0885, 10.6163



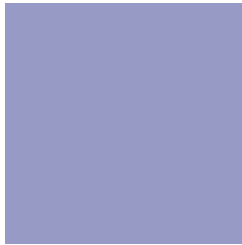
14.6863, 7.5643, 0.9940



0.6441, 0.3307, 0.0934

Previews

White Background



This preview shows how the XYZ color 34.2819, 33.6760, 56.9178 looks on a white background.

Color Contrast Check

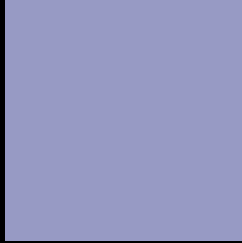
Large Text (above 18pt) WCAG AA × Fail

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 34.2819, 33.6760, 56.9178 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 34.2819, 33.6760, 56.9178

Background



This preview shows how black text looks on a background with the XYZ color 34.2819, 33.6760, 56.9178.



This preview shows how white text looks on a background with the XYZ color 34.2819, 33.6760,

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

34.2819, 33.6760, 56.9178

Protanopia

33.8320, 33.6770, 57.5405

Deuteranopia

34.4683, 33.7721, 56.9265



Tritanopia

31.4316, 33.5050, 43.3386

Trichromacy



Original Color

34.2819, 33.6760, 56.9178

Protanomaly

34.0121, 33.7698, 57.5489

Deuteranomaly

34.4683, 33.7721, 56.9265

Tritanomaly

32.5079, 33.7051, 47.9724

Monochromacy



Original Color

34.2819, 33.6760, 56.9178

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.0209, 34.0611, 43.8638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2819, 33.6760, 56.9178 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(151, 154, 196)` looks like.

```
.text, #text, p{  
    color:rgb(151, 154, 196)  
}
```

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(151, 154, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 154, 196) }
```

Border

The CSS property to change the border of an element to XYZ 34.2819, 33.6760, 56.9178 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(151, 154, 196) }
```


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

```
.border{ border-color:rgb(151, 154, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 154, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 154, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 154, 196);  
box-shadow:4px 4px 4px 4px rgb(151, 154,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2819, 33.6760, 56.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 154, 196) }
```

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

```
.background{ background-color: rgb(151,  
154, 196) }
```

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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