

Converting Colors

XYZ(35.4412, 34.5072, 61.9196)

Have a look what the booklet for
XYZ(35.4412, 34.5072, 61.9196)
contains.

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Color

**XYZ(35.3829, 34.3816,
61.8982)**

Conversions

Conversions Part 1

Format	Color
Hex	979BCC
RGB	151, 155, 204
RGB Percent	59%, 61%, 80%
CMY	0.4078, 0.3921, 0.2000
CMYK	0.26, 0.24, 0.00, 0.20
HSL	235°, 34%, 70%
HSV	235°, 26%, 80%
XYZ	35.3829, 34.3816, 61.8982
YIQ	159.3900, -18.1130, 14.3910

Conversions

Conversions Part 2

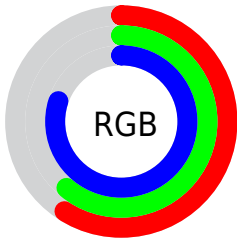
Format	Color
RYB	151, 155, 204
Decimal	9935820
CIELab	65.26, 9.41, -25.57
CIELCh	65, 27.244, 290.199
Yxy	34.3816, 0.2687, 0.2611
Android (android.graphics.Color)	4288125900 (0xFF979BCC)
YUV	159.3900, 21.9927, -7.3580
Hunter-Lab	58.6358, 5.1004, -21.5437

Details

The XYZ color **35.3829, 34.3816, 61.8982** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.1425, 56.3806, 37.4662**, and the grayscale version is **33.0424, 34.7632, 37.8571**.

A 20% lighter version of the original color is **66.3041, 65.9427, 103.8414**, and **15.6009, 14.7553, 30.8800** is the 20% darker color. If you saturate the color by 10%, you get **29.0221, 26.8019, 60.7710**, and if you desaturate by 10%, it is **42.8913, 43.2822, 63.2210**.

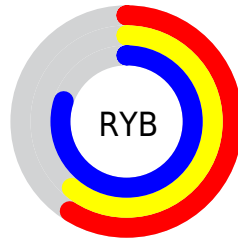
Distribution



Red (59%)

Green (61%)

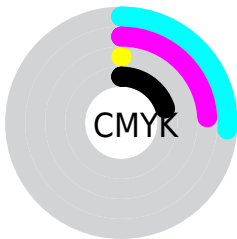
Blue (80%)



Red (59%)

Yellow (61%)

Blue (80%)

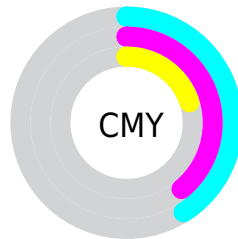


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3829, 34.3816, 61.8982 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 35.3829, 34.3816, 61.8982 by changing the saturation by 10% instead.

■ 35.3829, 34.3816,
61.8982

■ 35.3829, 34.3816,
61.8982

317.7337,
321.8303, 449.5571

■ 24.1259, 23.1869,
44.5152

■ 67.4086, 66.5266,
109.1486

■ 15.5523, 14.7316,
30.7356

■ 88.9081, 88.2458,
139.8530

■ 9.2967, 8.6312,
20.1408

114.5523,
114.2419, 175.8350

■ 4.9939, 4.5014,
12.3123

144.7068,
144.8993, 217.5130

■ 2.2784, 1.9578,
6.8317

179.7368,
180.6025, 265.3057

■ 0.7836, 0.5828,
3.2802

220.0077,

■ 0.0000, 0.0000,

221.7357, 319.6316

1.2394

265.8849,
268.6835, 380.9092

■ 0.0000, 0.0000,
0.0114

■ 0.0000, 0.0000,
0.0000

■ 35.3829, 34.3816,
61.8982

■ 35.3829, 34.3816,
61.8982

■ 29.0221, 26.8019,
60.7710

■ 42.8913, 43.2822,
63.2210

■ 23.7491, 20.4763,
59.8280

■ 51.5964, 53.5582,
64.7457

■ 19.5038, 15.3381,
59.0599

■ 61.5486, 65.2659,
66.4810

■ 16.2188, 11.3131,
58.4562

■ 72.7944, 78.4575,
68.4345

■ 13.8188, 8.3185,
58.0047

■ 85.3780, 93.1822,
70.6134

■ 12.2171, 6.2599,
57.6917

■ 87.8992, 97.1397,
71.2444

■ 11.3079, 5.0247,
57.5012

■ 11.0757, 4.7127,
57.4532

Harmonies

Analogous

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



31.3978, 34.3816, 63.3417



35.3829, 34.3816, 61.8982



38.8940, 34.3816, 53.2268

Triad

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



35.3829, 34.3816, 61.8982



37.8068, 34.3816, 23.0397



25.7260, 34.3816, 33.8401

Complementary

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



35.3829, 34.3816, 61.8982



51.1425, 56.3806, 37.4662

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.



27.1635, 34.3816, 25.1246



35.3829, 34.3816, 61.8982



33.9939, 34.3816, 19.7764

Square

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



35.3829, 34.3816, 61.8982



40.3700, 34.3816, 30.3903



30.1159, 34.3816, 20.4534



26.0321, 34.3816, 45.4937

Rectangle

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



35.3829, 34.3816, 61.8982



40.3909, 34.3816, 45.3313



30.1159, 34.3816, 20.4534



26.0165, 34.3816, 30.5147

Sweetspot

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



35.3840, 34.3830, 61.8990



82.2148, 84.8857, 106.6591



44.7329, 53.9165, 62.4385



17.1131, 17.5979, 22.7447



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.



35.3840, 34.3830, 61.8990



52.6542, 49.8663, 101.4577



39.2186, 35.3876, 61.8908



10.6687, 10.9778, 14.1270



6.9978, 3.0195, 36.1703



0.3852, 0.2042, 1.8741

Inverse Universe

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



41.8858, 37.3382, 36.0111



65.1905, 55.6650, 51.5197



46.4513, 55.3558, 37.5157



11.2461, 11.2272, 11.8307



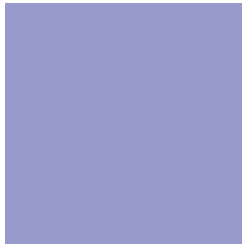
15.7431, 8.1078, 1.0997



0.8244, 0.4232, 0.1211

Previews

White Background



This preview shows how the XYZ color 35.3829, 34.3816, 61.8982 looks on a white background.

Color Contrast Check

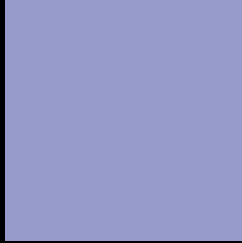
Large Text (above 18pt) WCAG AA × Fail

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 35.3829, 34.3816, 61.8982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

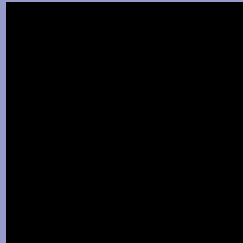
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3829, 34.3816, 61.8982

Background



This preview shows how black text looks on a background with the XYZ color 35.3829, 34.3816, 61.8982.



This preview shows how white text looks on a background with the XYZ color 35.3829, 34.3816,

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

35.3829, 34.3816, 61.8982

Protanopia

34.5850, 34.2045, 62.5369

Deuteranopia

35.0149, 34.1919, 61.8810



Tritanopia

31.9647, 34.5266, 44.5147

Trichromacy



Original Color

35.3829, 34.3816, 61.8982

Protanomaly

34.9405, 34.3878, 62.5535

Deuteranomaly

35.1981, 34.2864, 61.8895

Tritanomaly

33.0825, 34.4600, 50.2552

Monochromacy



Original Color

35.3829, 34.3816, 61.8982

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.6750, 34.6168, 45.4643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3829, 34.3816, 61.8982 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, 155, 204)` looks like.

```
.text, #text, p{  
    color:rgb(151, 155, 204)  
}
```

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, 155, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 155, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.3829, 34.3816, 61.8982 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, 155, 204) }
```


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

```
.border{ border-color:rgb(151, 155, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 155, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 155, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 155, 204);  
box-shadow:4px 4px 4px 4px rgb(151, 155,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3829, 34.3816, 61.8982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 155, 204) }
```

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

```
.background{ background-color: rgb(151,  
155, 204) }
```

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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