

Converting Colors

XYZ(33.3489, 35.0582, 60.9303)

Have a look what the booklet for
XYZ(33.3489, 35.0582, 60.9303)
contains.

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Color

**XYZ(33.4125, 35.1733,
60.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	86A2CA
RGB	134, 162, 202
RGB Percent	53%, 64%, 79%
CMY	0.4745, 0.3647, 0.2078
CMYK	0.34, 0.20, 0.00, 0.21
HSL	215°, 39%, 66%
HSV	215°, 34%, 79%
XYZ	33.4125, 35.1733, 60.9052
YIQ	158.1880, -29.5280, 6.5040

Conversions

Conversions Part 2

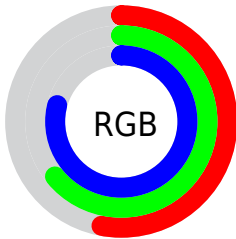
Format	Color
RYB	134, 154, 202
Decimal	8823498
CIELab	65.88, -0.07, -23.61
CIELCh	66, 23.611, 269.841
Yxy	35.1733, 0.2580, 0.2716
Android (android.graphics.Color)	4287013578 (0xFF86A2CA)
YUV	158.1880, 21.5993, -21.2129
Hunter-Lab	59.3071, -3.2238, -19.3727

Details

The XYZ color **33.4125, 35.1733, 60.9052** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.7968, 44.5503, 28.8460**, and the grayscale version is **32.5003, 34.1928, 37.2360**.

A 20% lighter version of the original color is **63.8491, 67.6645, 104.3031**, and **14.5094, 15.3008, 30.2056** is the 20% darker color. If you saturate the color by 10%, you get **28.5003, 29.6799, 60.1044**, and if you desaturate by 10%, it is **39.1398, 41.3821, 61.8024**.

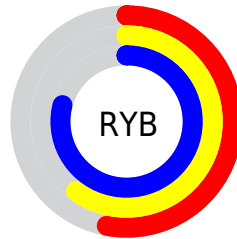
Distribution



Red (53%)

Green (64%)

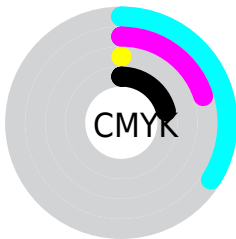
Blue (79%)



Red (53%)

Yellow (60%)

Blue (79%)

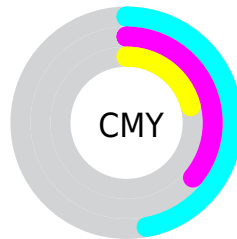


Cyan (34%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (47%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4125, 35.1733, 60.9052 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 33.4125, 35.1733, 60.9052 by changing the saturation by 10% instead.

■ 33.4125, 35.1733,
60.9052

■ 33.4125, 35.1733,
60.9052

309.1366,
325.3326, 445.8233

■ 22.6034, 23.7964,
43.7186

■ 64.3694, 67.7542,
107.6979

■ 14.4200, 15.1827,
30.1138

■ 85.2479, 89.7269,
138.1410

■ 8.4970, 8.9477,
19.6722

■ 110.2135,
116.0004, 173.8401

■ 4.4690, 4.7071,
11.9753

139.6317,
146.9590, 215.2136

■ 1.9708, 2.0764,
6.6045

173.8677,
182.9871, 262.6801

■ 0.6175, 0.6513,
3.1413

213.2870,

■ 0.0000, 0.0000,

224.4692, 316.6582

1.1673

258.2548,
271.7895, 377.5664

■ 0.0000, 0.0000,
0.0000

■ 33.4125, 35.1733,
60.9052

■ 33.4125, 35.1733,
60.9052

■ 28.5003, 29.6799,
60.1044

■ 39.1398, 41.3821,
61.8024

■ 24.3591, 24.8687,
59.3940

■ 45.7162, 48.3292,
62.7967

■ 20.9456, 20.7098,
58.7711

■ 53.1780, 56.0417,
63.8921

■ 18.2107, 17.1688,
58.2318

■ 61.5584, 64.5437,
65.0914

■ 16.0979, 14.2074,
57.7716

■ 70.8886, 73.8585,
66.3976

■ 14.5403, 11.7812,
57.3854

■ 81.1234, 83.9696,
67.8098

■ 13.7679, 10.4785,
57.1746

■ 84.6069, 90.9366,
68.9710

■ 87.6608, 97.0443,
69.9889

Harmonies

Analogous

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



30.1724, 35.1733, 57.4297



33.4125, 35.1733, 60.9052



36.8820, 35.1733, 57.4998

Triad

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



33.4125, 35.1733, 60.9052



39.5951, 35.1733, 29.5102



27.9592, 35.1733, 29.4324

Complementary

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



33.4125, 35.1733, 60.9052



43.7968, 44.5503, 28.8460

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.



30.2026, 35.1733, 23.9314



33.4125, 35.1733, 60.9052



36.9165, 35.1733, 23.9705

Square

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



33.4125, 35.1733, 60.9052



40.5993, 35.1733, 38.3512



33.4498, 35.1733, 22.1173



27.1607, 35.1733, 38.2443

Rectangle

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



33.4125, 35.1733, 60.9052



38.8254, 35.1733, 52.0744



33.4498, 35.1733, 22.1173



28.5613, 35.1733, 27.1942

Sweetspot

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



33.4136, 35.1747, 60.9060



81.6831, 86.2808, 106.9564



38.5604, 50.3531, 47.5619



17.1085, 18.0783, 22.8377



0.0000, 0.0000, 0.0000



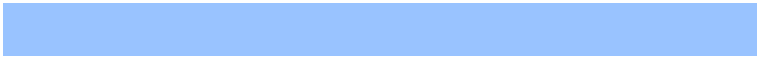
20.3446, 21.4041, 23.3091

Same Dimension

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



33.4136, 35.1747, 60.9060



50.7024, 53.0233, 102.1700



29.9458, 26.8620, 59.4843



10.9748, 11.5901, 14.2291



8.9425, 6.9089, 36.8185



0.5355, 0.5048, 1.9242

Inverse Universe

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



39.4047, 32.2164, 38.3255



62.4818, 47.9827, 57.5993



48.2761, 55.7435, 30.7704



11.4007, 11.2890, 12.6445



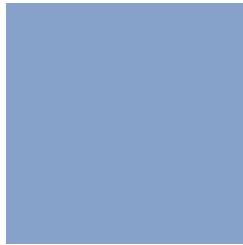
16.7247, 8.5004, 6.2687



0.9003, 0.4535, 0.5206

Previews

White Background



This preview shows how the XYZ color 33.4125, 35.1733, 60.9052 looks on a white background.

Color Contrast Check

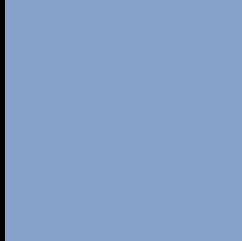
Large Text (above 18pt) WCAG AA × Fail

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 33.4125, 35.1733, 60.9052 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 33.4125, 35.1733, 60.9052

Background



This preview shows how black text looks on a background with the XYZ color 33.4125, 35.1733, 60.9052.



This preview shows how white text looks on a background with the XYZ color 33.4125, 35.1733,

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

33.4125, 35.1733, 60.9052

Protanopia

35.1133, 35.0613, 58.9497

Deuteranopia

35.9733, 35.1980, 61.3978



Tritanopia

30.8262, 35.1942, 47.8163

Trichromacy



Original Color

33.4125, 35.1733, 60.9052

Protanomaly

34.3251, 34.8957, 59.5700

Deuteranomaly

35.0317, 35.2191, 61.4515

Tritanomaly

31.7848, 35.3234, 52.1566

Monochromacy



Original Color

33.4125, 35.1733, 60.9052

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4325, 34.2418, 44.9444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4125, 35.1733, 60.9052 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(134, 162, 202)` looks like.

```
.text, #text, p{  
    color:rgb(134, 162, 202)  
}
```

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(134, 162, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 162, 202) }
```

Border

The CSS property to change the border of an element to XYZ 33.4125, 35.1733, 60.9052 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(134, 162, 202) }
```


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

```
.border{ border-color:rgb(134, 162, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 162, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 162, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 162, 202);  
box-shadow:4px 4px 4px 4px rgb(134, 162,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4125, 35.1733, 60.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 162, 202) }
```

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

```
.background{ background-color: rgb(134,  
162, 202) }
```

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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