

Converting Colors

XYZ(33.4555, 34.1180, 58.3651)

Have a look what the booklet for
XYZ(33.4555, 34.1180, 58.3651)
contains.

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Color

**XYZ(33.5752, 34.2817,
58.2735)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9EC6
RGB	142, 158, 198
RGB Percent	56%, 62%, 78%
CMY	0.4431, 0.3804, 0.2235
CMYK	0.28, 0.20, 0.00, 0.22
HSL	223°, 33%, 67%
HSV	223°, 28%, 78%
XYZ	33.5752, 34.2817, 58.2735
YIQ	157.7760, -22.3760, 9.0480

Conversions

Conversions Part 2

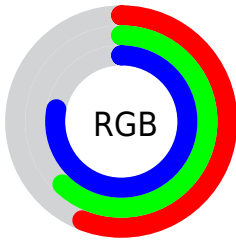
Format	Color
RYB	142, 154, 198
Decimal	9346758
CIELab	65.19, 3.51, -22.41
CIELCh	65, 22.679, 278.913
Yxy	34.2817, 0.2662, 0.2718
Android (android.graphics.Color)	4287536838 (0xFF8E9EC6)
YUV	157.7760, 19.8304, -13.8356
Hunter-Lab	58.5506, -0.1046, -18.0240

Details

The XYZ color **33.5752, 34.2817, 58.2735** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.8996, 47.4150, 32.3777**, and the grayscale version is **32.3191, 34.0022, 37.0284**.

A 20% lighter version of the original color is **64.8702, 66.6788, 104.0590**, and **14.5082, 14.7027, 28.4588** is the 20% darker color. If you saturate the color by 10%, you get **28.2000, 28.1340, 57.3708**, and if you desaturate by 10%, it is **39.8336, 41.2985, 59.2986**.

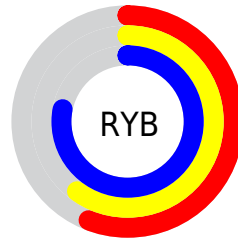
Distribution



Red (56%)

Green (62%)

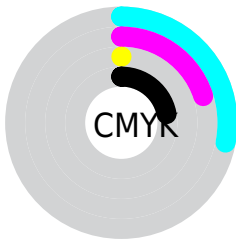
Blue (78%)



Red (56%)

Yellow (60%)

Blue (78%)

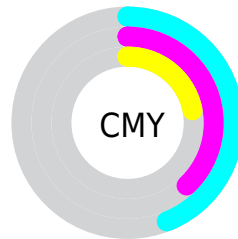


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5752, 34.2817, 58.2735 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 33.5752, 34.2817, 58.2735 by changing the saturation by 10% instead.

■ 33.5752, 34.2817,
58.2735

■ 33.5752, 34.2817,
58.2735

309.8531,
321.3863, 435.8310

■ 22.7288, 23.1101,
41.6124

■ 64.6212, 66.3715,
103.8397

■ 14.5130, 14.6748,
28.4746

■ 85.5515, 88.0585,
133.5820

■ 8.5624, 8.5915,
18.4416

110.5738,
114.0194, 168.5217

■ 4.5117, 4.4757,
11.0948

140.0535,
144.6386, 209.0774

■ 1.9955, 1.9431,
6.0156

174.3559,
180.3005, 255.6676

■ 0.6314, 0.5741,
2.7857

213.8464,

■ 0.0000, 0.0000,

221.3895, 308.7109

0.9863

258.8904,
268.2899, 368.6259

■ 0.0000, 0.0000,
0.0000

■ 33.5752, 34.2817,
58.2735

■ 33.5752, 34.2817,
58.2735

■ 28.2000, 28.1340,
57.3708

■ 39.8336, 41.2985,
59.2986

■ 23.6635, 22.8160,
56.5834

■ 47.0105, 49.2134,
60.4481

■ 19.9220, 18.2914,
55.9072

■ 55.1431, 58.0590,
61.7268

■ 16.9263, 14.5192,
55.3370

■ 64.2657, 67.8651,
63.1388

■ 14.6213, 11.4544,
54.8670

■ 74.4105, 78.6600,
64.6877

■ 12.9434, 9.0464,
54.4906

■ 83.4414, 89.3537,
66.2758

■ 11.8000, 7.2277,
54.1998

■ 87.1932, 96.8573,
67.5264

■ 11.6354, 6.9617,
54.1572

Harmonies

Analogous

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



30.3572, 34.2817, 56.9436



33.5752, 34.2817, 58.2735



36.7273, 34.2817, 53.2989

Triad

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



33.5752, 34.2817, 58.2735



37.7659, 34.2817, 27.0507



27.0230, 34.2817, 31.1724

Complementary

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



33.5752, 34.2817, 58.2735



44.8996, 47.4150, 32.3777

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.



28.7641, 34.2817, 24.9145



33.5752, 34.2817, 58.2735



34.9165, 34.2817, 22.8286

Square

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



33.5752, 34.2817, 58.2735



39.2517, 34.2817, 34.5857



31.6120, 34.2817, 22.1186



26.7172, 34.2817, 40.2093

Rectangle

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



33.5752, 34.2817, 58.2735



38.3158, 34.2817, 47.5006



31.6120, 34.2817, 22.1186



27.4539, 34.2817, 28.7207

Sweetspot

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



33.5763, 34.2831, 58.2743



83.4656, 87.3872, 107.0761



39.7112, 49.4841, 51.2829



17.4257, 18.2229, 22.8489



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.



33.5763, 34.2831, 58.2743



53.3485, 53.7501, 102.1708



33.0416, 30.2160, 57.5174



10.2994, 10.7729, 13.4540



7.6307, 4.6552, 35.2407



0.4246, 0.3470, 1.6897

Inverse Universe

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



39.1341, 33.8214, 36.8148



64.9319, 53.2297, 57.3470



45.5219, 52.8814, 33.4000



10.7564, 10.6859, 11.7005



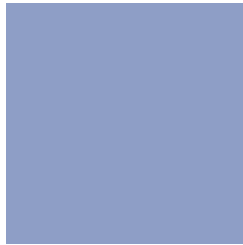
15.6509, 8.0099, 3.3717



0.7730, 0.3920, 0.3279

Previews

White Background



This preview shows how the XYZ color 33.5752, 34.2817, 58.2735 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 33.5752, 34.2817, 58.2735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

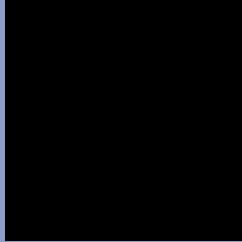
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5752, 34.2817, 58.2735

Background



This preview shows how black text looks on a background with the XYZ color 33.5752, 34.2817, 58.2735.



This preview shows how white text looks on a background with the XYZ color 33.5752, 34.2817,

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

33.5752, 34.2817, 58.2735

Protanopia

34.1793, 34.1041, 57.6046

Deuteranopia

34.9790, 34.2416, 58.7985



Tritanopia

30.9747, 34.2542, 45.5366

Trichromacy



Original Color

33.5752, 34.2817, 58.2735

Protanomaly

33.9891, 34.2562, 57.6440

Deuteranomaly

34.4100, 34.1964, 58.8198

Tritanomaly

31.9396, 34.3976, 49.7558

Monochromacy



Original Color

33.5752, 34.2817, 58.2735

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7186, 34.1462, 44.4016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5752, 34.2817, 58.2735 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, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 198)  
}
```

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, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 198) }
```

Border

The CSS property to change the border of an element to XYZ 33.5752, 34.2817, 58.2735 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, 158, 198) }
```


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

```
.border{ border-color:rgb(142, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5752, 34.2817, 58.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 198) }
```

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

```
.background{ background-color: rgb(142,  
158, 198) }
```

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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