

Converting Colors

XYZ(35.9930, 36.9538, 57.5747)

Have a look what the booklet for
XYZ(35.9930, 36.9538, 57.5747)
contains.

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Color

**XYZ(35.8235, 36.7592,
57.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	97A3C4
RGB	151, 163, 196
RGB Percent	59%, 64%, 77%
CMY	0.4078, 0.3608, 0.2314
CMYK	0.23, 0.17, 0.00, 0.23
HSL	224°, 28%, 68%
HSV	224°, 23%, 77%
XYZ	35.8235, 36.7592, 57.4317
YIQ	163.1740, -17.7450, 7.7190

Conversions

Conversions Part 2

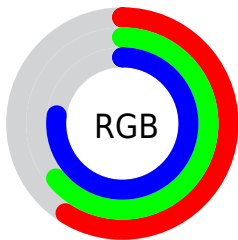
Format	Color
RYB	151, 160, 196
Decimal	9937860
CIELab	67.10, 3.00, -18.33
CIELCh	67, 18.570, 279.294
Yxy	36.7592, 0.2755, 0.2827
Android (android.graphics.Color)	4288127940 (0xFF97A3C4)
YUV	163.1740, 16.1832, -10.6766
Hunter-Lab	60.6294, -0.6328, -13.7224

Details

The XYZ color **35.8235, 36.7592, 57.4317** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.4918, 48.2513, 36.1949**, and the grayscale version is **34.8278, 36.6416, 39.9026**.

A 20% lighter version of the original color is **68.2546, 70.3565, 102.9113**, and **15.7125, 15.9745, 27.8464** is the 20% darker color. If you saturate the color by 10%, you get **30.0755, 30.2212, 56.4733**, and if you desaturate by 10%, it is **42.4686, 44.1920, 58.5168**.

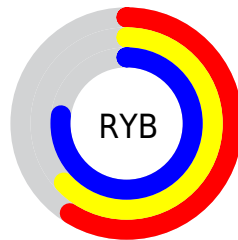
Distribution



Red (59%)

Green (64%)

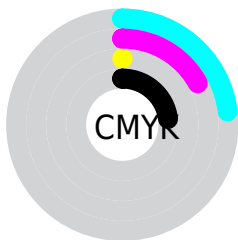
Blue (77%)



Red (59%)

Yellow (63%)

Blue (77%)

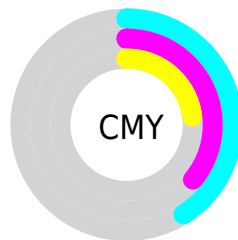


Cyan (23%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (41%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8235, 36.7592, 57.4317 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 35.8235, 36.7592, 57.4317 by changing the saturation by 10% instead.

■ 35.8235, 36.7592,
57.4317

■ 35.8235, 36.7592,
57.4317

319.6331,
332.2668, 432.6039

■ 24.4674, 25.0211,
40.9403

■ 68.0852, 70.2023,
102.6014

■ 15.8073, 16.0928,
27.9531

■ 89.7215, 92.6761,
132.1168

■ 9.4779, 9.5898,
18.0515

115.5153,
119.4972, 166.8105

■ 5.1138, 5.1279,
10.8172

145.8318,
151.0500, 207.1012

■ 2.3496, 2.3225,
5.8314

181.0365,
187.7190, 253.4073

■ 0.8199, 0.7856,
2.6757

221.4948,

■ 0.0000, 0.0000,

229.8886, 306.1475

0.9312

267.5718,
277.9430, 365.7402

■ 0.0000, 0.0000,
0.0000

■ 35.8235, 36.7592,
57.4317

■ 35.8235, 36.7592,
57.4317

■ 30.0755, 30.2212,
56.4733

■ 42.4686, 44.1920,
58.5168

■ 25.1816, 24.5389,
55.6344

■ 50.0443, 52.5480,
59.7303

■ 21.1004, 19.6766,
54.9110

■ 58.5868, 61.8595,
61.0774

■ 17.7854, 15.5943,
54.2978

■ 68.1289, 72.1563,
62.5620

■ 15.1852, 12.2485,
53.7890

■ 78.7023, 83.4666,
64.1878

■ 13.2416, 9.5907,
53.3785

■ 85.1539, 93.1455,
65.7160

■ 11.8861, 7.5656,
53.0590

■ 86.9639, 96.7656,
66.3193

■ 11.2041, 6.4660,
52.8827

Harmonies

Analogous

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



33.0521, 36.7592, 56.4187



35.8235, 36.7592, 57.4317



38.4942, 36.7592, 53.3175

Triad

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



35.8235, 36.7592, 57.4317



39.3151, 36.7592, 30.9553



30.0979, 36.7592, 34.7701

Complementary

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



35.8235, 36.7592, 57.4317



45.4918, 48.2513, 36.1949

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.



31.6088, 36.7592, 29.1479



35.8235, 36.7592, 57.4317



36.8953, 36.7592, 27.1603

Square

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



35.8235, 36.7592, 57.4317



40.5804, 36.7592, 37.5633



34.0682, 36.7592, 26.5465



29.8454, 36.7592, 42.5909

Rectangle

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



35.8235, 36.7592, 57.4317



39.8222, 36.7592, 48.5092



34.0682, 36.7592, 26.5465



30.4714, 36.7592, 32.5918

Sweetspot

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



35.8246, 36.7607, 57.4325



84.7507, 88.7014, 107.2620



41.0765, 49.4892, 52.3245



17.9589, 18.7859, 22.9295



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.



35.8246, 36.7607, 57.4325



58.9930, 59.9041, 103.0611



35.6789, 33.6709, 56.8438



9.7420, 10.1752, 12.7354



7.2604, 4.2774, 33.9996



0.3726, 0.3026, 1.4886

Inverse Universe

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



40.4434, 36.5143, 39.5683



69.0344, 59.6698, 64.1555



45.6371, 52.1854, 36.9466



10.1811, 10.1210, 11.0440



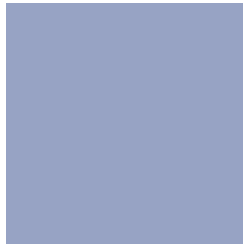
15.0607, 7.7140, 2.9658



0.6804, 0.3452, 0.2846

Previews

White Background



This preview shows how the XYZ color 35.8235, 36.7592, 57.4317 looks on a white background.

Color Contrast Check

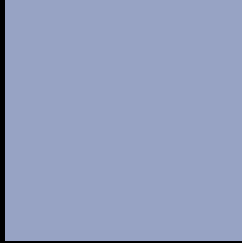
Large Text (above 18pt) WCAG AA × Fail

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 35.8235, 36.7592, 57.4317 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 35.8235, 36.7592, 57.4317

Background



This preview shows how black text looks on a background with the XYZ color 35.8235, 36.7592, 57.4317.

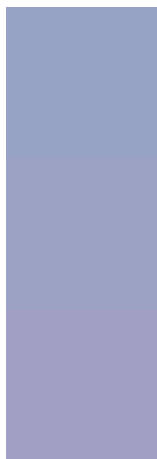


This preview shows how white text looks on a background with the XYZ color 35.8235, 36.7592,

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

35.8235, 36.7592, 57.4317

Protanopia

36.4810, 36.8487, 56.8195

Deuteranopia

37.3765, 36.5089, 57.9003



Tritanopia

33.9856, 36.8230, 47.9641

Trichromacy



Original Color

35.8235, 36.7592, 57.4317

Protanomaly

36.0971, 36.6508, 56.8016

Deuteranomaly

36.7494, 36.4419, 57.9204

Tritanomaly

34.6065, 36.8026, 51.1786

Monochromacy



Original Color

35.8235, 36.7592, 57.4317

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1331, 36.6605, 45.7819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8235, 36.7592, 57.4317 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, 163, 196)` looks like.

```
.text, #text, p{  
    color:rgb(151, 163, 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, 163, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 163, 196) }
```

Border

The CSS property to change the border of an element to XYZ 35.8235, 36.7592, 57.4317 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, 163, 196) }
```


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

```
.border{ border-color:rgb(151, 163, 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, 163, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 163, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 163, 196);  
box-shadow:4px 4px 4px 4px rgb(151, 163,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8235, 36.7592, 57.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 163, 196) }
```

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

```
.background{ background-color: rgb(151,  
163, 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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