

Converting Colors

XYZ(33.4570, 32.7396, 57.9866)

Have a look what the booklet for
XYZ(33.4570, 32.7396, 57.9866)
contains.

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Color

**XYZ(33.4539, 32.7367,
57.9817)**

Conversions

Conversions Part 1

Format	Color
Hex	9398C6
RGB	147, 152, 198
RGB Percent	58%, 60%, 78%
CMY	0.4235, 0.4039, 0.2235
CMYK	0.26, 0.23, 0.00, 0.22
HSL	234°, 31%, 68%
HSV	234°, 26%, 78%
XYZ	33.4539, 32.7367, 57.9817
YIQ	155.7490, -17.7460, 13.2460

Conversions

Conversions Part 2

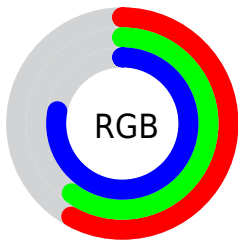
Format	Color
R_{YB}	147, 152, 198
Decimal	9672902
CIE Lab	63.95, 8.43, -24.27
CIE LCh	64, 25.690, 289.146
Yxy	32.7367, 0.2694, 0.2636
Android (android.graphics.Color)	4287862982 (0xFF9398C6)
YUV	155.7490, 20.8297, -7.6729
Hunter-Lab	57.2160, 4.2400, -20.0323

Details

The XYZ color **33.4539, 32.7367, 57.9817** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.6257, 52.2527, 35.1804**, and the grayscale version is **31.4048, 33.0403, 35.9809**.

A 20% lighter version of the original color is **64.4784, 63.9192, 103.5470**, and **14.4070, 13.7539, 28.2810** is the 20% darker color. If you saturate the color by 10%, you get **27.5208, 25.6950, 56.9358**, and if you desaturate by 10%, it is **40.4367, 40.9689, 59.2032**.

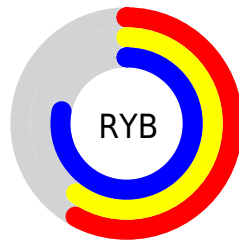
Distribution



Red (58%)

Green (60%)

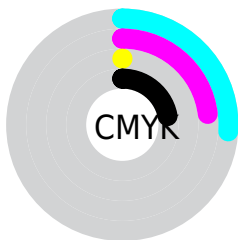
Blue (78%)



Red (58%)

Yellow (60%)

Blue (78%)

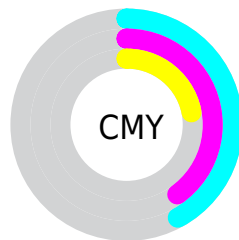


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4539, 32.7367, 57.9817 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 33.4539, 32.7367, 57.9817 by changing the saturation by 10% instead.

■ 33.4539, 32.7367,
57.9817

■ 33.4539, 32.7367,
57.9817

309.3190,
314.4616, 434.7141

■ 22.6353, 21.9248,
41.3793

■ 64.4335, 63.9642,
103.4107

■ 14.4436, 13.8017,
28.2937

■ 85.3252, 85.1487,
133.0745

■ 8.5136, 7.9829,
18.3062

110.3052,
110.5594, 167.9291

■ 4.4799, 4.0840,
10.9983

139.7391,
140.5809, 208.3931

■ 1.9770, 1.7206,
5.9516

173.9920,
175.5974, 254.8851

■ 0.6210, 0.4370,
2.7473

213.4294,

■ 0.0000, 0.0000,

215.9935, 307.8235

0.9671

258.4166,
262.1534, 367.6270

■ 0.0000, 0.0000,
0.0000

■ 33.4539, 32.7367,
57.9817

■ 33.4539, 32.7367,
57.9817

■ 27.5208, 25.6950,
56.9358

■ 40.4367, 40.9689,
59.2032

■ 22.5834, 19.7848,
56.0552

■ 48.5131, 50.4391,
60.6055

■ 18.5879, 14.9481,
55.3322

■ 57.7288, 61.1970,
62.1962

■ 15.4737, 11.1200,
54.7575

■ 68.1256, 73.2884,
63.9821

■ 13.1736, 8.2286,
54.3206

■ 79.7433, 86.7568,
65.9695

■ 11.6103, 6.1924,
54.0100

■ 87.1932, 96.8573,
67.5264

■ 10.6901, 4.9150,
53.8119

■ 10.4331, 4.5572,
53.7564

Harmonies

Analogous

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



29.8231, 32.7367, 59.0195



33.4539, 32.7367, 57.9817



36.6813, 32.7367, 50.3355

Triad

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



33.4539, 32.7367, 57.9817



35.8929, 32.7367, 22.5953



24.7690, 32.7367, 32.0219

Complementary

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



33.4539, 32.7367, 57.9817



47.6257, 52.2527, 35.1804

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.



26.1429, 32.7367, 24.1327



33.4539, 32.7367, 57.9817



32.4441, 32.7367, 19.4354

Square

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



33.4539, 32.7367, 57.9817



38.1631, 32.7367, 29.4995



28.8882, 32.7367, 19.9375



24.9933, 32.7367, 42.5890

Rectangle

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



33.4539, 32.7367, 57.9817



38.0819, 32.7367, 43.2206



28.8882, 32.7367, 19.9375



25.0547, 32.7367, 29.0102

Sweetspot

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



33.4550, 32.7380, 57.9825



82.3476, 85.1513, 106.7034



41.8420, 50.4377, 57.9244



17.1462, 17.6641, 22.7558



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.



33.4550, 32.7380, 57.9825



53.0216, 50.6012, 101.5802



36.6487, 33.2048, 57.9042



10.1390, 10.4520, 13.4005



6.8141, 3.0222, 34.9686



0.3519, 0.2015, 1.6655

Inverse Universe

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



39.3908, 35.1412, 34.4139



65.3759, 55.7392, 52.4963



43.7298, 51.9132, 35.3203



10.6754, 10.6536, 11.2740



15.2388, 7.8451, 1.2014



0.7363, 0.3774, 0.1346

Previews

White Background



This preview shows how the XYZ color 33.4539, 32.7367, 57.9817 looks on a white background.

Color Contrast Check

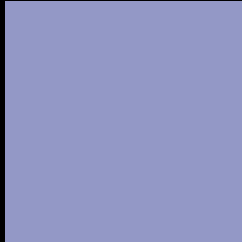
Large Text (above 18pt) WCAG AA × Fail

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 33.4539, 32.7367, 57.9817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

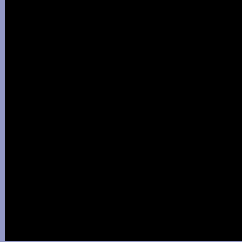
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4539, 32.7367, 57.9817

Background



This preview shows how black text looks on a background with the XYZ color 33.4539, 32.7367, 57.9817.



This preview shows how white text looks on a background with the XYZ color 33.4539, 32.7367,

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

33.4539, 32.7367, 57.9817

Protanopia

33.0277, 32.7456, 58.6126

Deuteranopia

33.4539, 32.7367, 57.9817



Tritanopia

30.2972, 32.6789, 42.7410

Trichromacy



Original Color

33.4539, 32.7367, 57.9817

Protanomaly

33.2016, 32.8353, 58.6208

Deuteranomaly

33.4539, 32.7367, 57.9817

Tritanomaly

31.2873, 32.5776, 47.8191

Monochromacy



Original Color

33.4539, 32.7367, 57.9817

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.2089, 33.1553, 43.2301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4539, 32.7367, 57.9817 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(147, 152, 198)` looks like.

```
.text, #text, p{  
    color:rgb(147, 152, 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(147, 152, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 152, 198) }
```

Border

The CSS property to change the border of an element to XYZ 33.4539, 32.7367, 57.9817 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(147, 152, 198) }
```


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

```
.border{ border-color:rgb(147, 152, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 152, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 152, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 152, 198);  
box-shadow:4px 4px 4px 4px rgb(147, 152,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4539, 32.7367, 57.9817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 152, 198) }
```

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

```
.background{ background-color: rgb(147,  
152, 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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