

Converting Colors

XYZ(34.9972, 33.2674, 60.1135)

Have a look what the booklet for
XYZ(34.9972, 33.2674, 60.1135)
contains.

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Color

**XYZ(34.9357, 33.2203,
59.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	9A97C9
RGB	154, 151, 201
RGB Percent	60%, 59%, 79%
CMY	0.3961, 0.4078, 0.2118
CMYK	0.23, 0.25, 0.00, 0.21
HSL	244°, 32%, 69%
HSV	244°, 25%, 79%
XYZ	34.9357, 33.2203, 59.8292
YIQ	157.5970, -14.2620, 16.1860

Conversions

Conversions Part 2

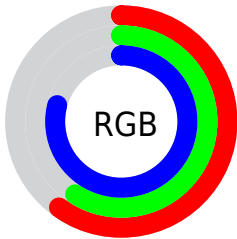
Format	Color
RYB	154, 151, 201
Decimal	10131401
CIELab	64.34, 11.87, -25.30
CIELCh	64, 27.946, 295.145
Yxy	33.2203, 0.2730, 0.2596
Android (android.graphics.Color)	4288321481 (0xFF9A97C9)
YUV	157.5970, 21.3977, -3.1546
Hunter-Lab	57.6371, 7.3298, -21.1991

Details

The XYZ color **34.9357, 33.2203, 59.8292** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.7621, 56.0142, 37.4686**, and the grayscale version is **32.2289, 33.9073, 36.9250**.

A 20% lighter version of the original color is **66.1758, 64.4380, 103.5577**, and **15.3031, 14.0457, 29.5083** is the 20% darker color. If you saturate the color by 10%, you get **28.6551, 25.5836, 58.6867**, and if you desaturate by 10%, it is **42.3360, 42.2545, 61.1835**.

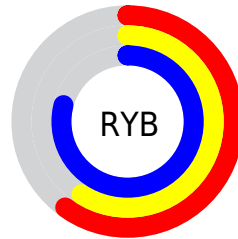
Distribution



Red (60%)

Green (59%)

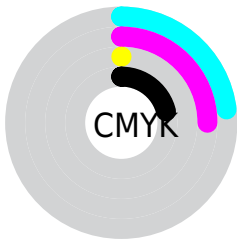
Blue (79%)



Red (60%)

Yellow (59%)

Blue (79%)

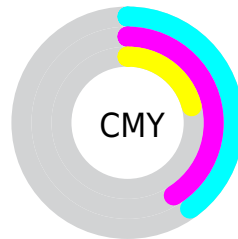


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (21%)



Cyan (40%)

Magenta (41%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9357, 33.2203, 59.8292 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 34.9357, 33.2203, 59.8292 by changing the saturation by 10% instead.

■ 34.9357, 33.2203,
59.8292

■ 34.9357, 33.2203,
59.8292

315.7974,
316.6412, 441.7551

■ 23.7796, 22.2953,
42.8566

■ 66.7208, 64.7193,
106.1228

■ 15.2941, 14.0740,
29.4420

■ 88.0806, 86.0621,
136.2809

■ 9.1137, 8.1722,
19.1670

113.5723,
111.6462, 171.6712

■ 4.8731, 4.2053,
11.6130

143.5613,
141.8561, 212.7123

■ 2.2070, 1.7891,
6.3614

178.4130,
177.0762, 259.8226

■ 0.7464, 0.4803,
2.9937

218.4926,

■ 0.0000, 0.0000,

217.6908, 313.4209

1.0914

264.1657,
264.0844, 373.9255

■ 0.0000, 0.0000,
0.0000

■ 34.9357, 33.2203,
59.8292

■ 34.9357, 33.2203,
59.8292

■ 28.6551, 25.5836,
58.6867

■ 42.3360, 42.2545,
61.1835

■ 23.4367, 19.2707,
57.7433

■ 50.9033, 52.7467,
62.7571

■ 19.2224, 14.2076,
56.9881

■ 60.6864, 64.7590,
64.5601

■ 15.9477, 10.3110,
56.4086

■ 71.7301, 78.3487,
66.6011

■ 13.5402, 7.4876,
55.9905

■ 84.0771, 93.5698,
68.8883

■ 11.9173, 5.6301,
55.7175

■ 87.5427, 96.9971,
69.3672

■ 10.9798, 4.6084,
55.5697

■ 10.6952, 4.2957,
55.5244

Harmonies

Analogous

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



30.9323, 33.2203, 62.6646



34.9357, 33.2203, 59.8292



38.2724, 33.2203, 50.1811

Triad

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



34.9357, 33.2203, 59.8292



36.1482, 33.2203, 21.0162



24.5541, 33.2203, 34.3498

Complementary

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



34.9357, 33.2203, 59.8292



49.7621, 56.0142, 37.4686

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.



25.7082, 33.2203, 25.0466



34.9357, 33.2203, 59.8292



32.2263, 33.2203, 18.4484

Square

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



34.9357, 33.2203, 59.8292



39.0127, 33.2203, 27.6435



28.4369, 33.2203, 19.7522



25.1482, 33.2203, 46.2940

Rectangle

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



34.9357, 33.2203, 59.8292



39.5551, 33.2203, 42.0794



28.4369, 33.2203, 19.7522



24.7474, 33.2203, 30.8438

Sweetspot

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



34.9368, 33.2216, 59.8300



83.7117, 86.0907, 106.8128



43.6146, 51.4143, 62.8841



17.7190, 18.1834, 22.8258



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.



34.9368, 33.2216, 59.8300



53.6198, 49.3384, 101.3049



40.0853, 35.8758, 60.0709



10.1146, 10.3173, 13.3758



6.7514, 2.7147, 34.9125



0.3407, 0.1394, 1.6541

Inverse Universe

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



45.3480, 38.6292, 58.4931



74.5799, 60.2281, 98.4749



43.8179, 52.9498, 37.1904



11.0546, 10.8052, 13.2706



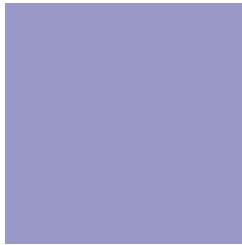
20.9289, 10.1211, 31.1651



0.9995, 0.4827, 1.5207

Previews

White Background



This preview shows how the XYZ color 34.9357, 33.2203, 59.8292 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 34.9357, 33.2203, 59.8292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

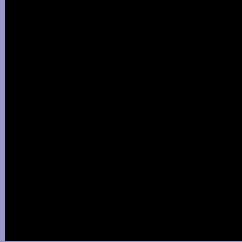
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9357, 33.2203, 59.8292

Background



This preview shows how black text looks on a background with the XYZ color 34.9357, 33.2203, 59.8292.



This preview shows how white text looks on a background with the XYZ color 34.9357, 33.2203,

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

34.9357, 33.2203, 59.8292

Protanopia

33.6628, 33.2626, 61.1460

Deuteranopia

33.9665, 33.2026, 59.8768



Tritanopia

31.4311, 33.2744, 42.3021

Trichromacy



Original Color

34.9357, 33.2203, 59.8292

Protanomaly

34.0845, 33.2498, 60.4985

Deuteranomaly

34.3485, 33.1575, 59.8480

Tritanomaly

32.6395, 33.2629, 48.4162

Monochromacy



Original Color

34.9357, 33.2203, 59.8292

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2660, 33.6668, 44.7894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9357, 33.2203, 59.8292 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(154, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 201)  
}
```

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(154, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 201) }
```

Border

The CSS property to change the border of an element to XYZ 34.9357, 33.2203, 59.8292 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(154, 151, 201) }
```


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

```
.border{ border-color:rgb(154, 151, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9357, 33.2203, 59.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 201) }
```

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

```
.background{ background-color: rgb(154,  
151, 201) }
```

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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