

Converting Colors

XYZ(34.2303, 34.3149, 49.9472)

Have a look what the booklet for
XYZ(34.2303, 34.3149, 49.9472)
contains.

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Color

**XYZ(34.2505, 34.3055,
50.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9CB8
RGB	156, 156, 184
RGB Percent	61%, 61%, 72%
CMY	0.3882, 0.3882, 0.2784
CMYK	0.15, 0.15, 0.00, 0.28
HSL	240°, 16%, 67%
HSV	240°, 15%, 72%
XYZ	34.2505, 34.3055, 50.1638
YIQ	159.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

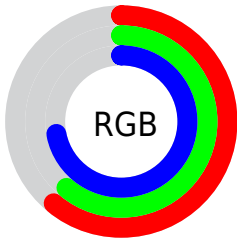
Format	Color
R_{YB}	156, 156, 184
Decimal	10263736
CIE _{Lab}	65.20, 5.79, -14.46
CIE _{LCh}	65, 15.576, 291.810
Yxy	34.3055, 0.2885, 0.2890
Android (android.graphics.Color)	4288453816 (0xFF9C9CB8)
YUV	159.1920, 12.2303, -2.7994
Hunter-Lab	58.5709, 1.8824, -9.7801

Details

The XYZ color **34.2505, 34.3055, 50.1638** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.9087, 46.8716, 38.2390**, and the grayscale version is **32.9920, 34.7102, 37.7994**.

A 20% lighter version of the original color is **65.6387, 66.2333, 91.7629**, and **14.8572, 14.6849, 23.5241** is the 20% darker color. If you saturate the color by 10%, you get **28.0991, 26.8937, 49.0579**, and if you desaturate by 10%, it is **41.4111, 42.9335, 51.4523**.

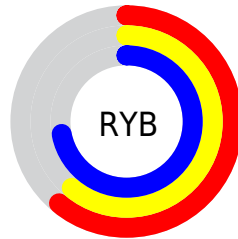
Distribution



Red (61%)

Green (61%)

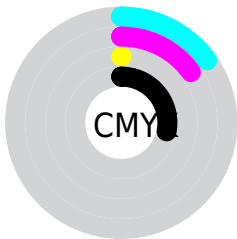
Blue (72%)



Red (61%)

Yellow (61%)

Blue (72%)

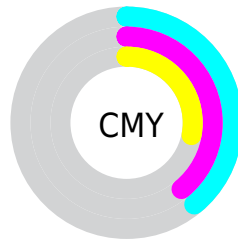


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2505, 34.3055, 50.1638 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 34.2505, 34.3055, 50.1638 by changing the saturation by 10% instead.

■ 34.2505, 34.3055,
50.1638

■ 34.2505, 34.3055,
50.1638

312.8139,
321.4921, 404.0596

■ 23.2499, 23.1284,
35.1715

■ 65.6647, 66.4085,
91.8163

■ 14.8999, 14.6883,
23.5104

■ 86.8091, 88.1031,
119.3136

■ 8.8350, 8.6009,
14.7620

112.0654,
114.0724, 151.8163

■ 4.6900, 4.4818,
8.5078

141.7990,
144.7007, 189.7429

■ 2.0994, 1.9466,
4.3291

176.3753,
180.3724, 233.5120

■ 0.6889, 0.5762,
1.8076

216.1597,

■ 0.0000, 0.0000,

221.4720, 283.5421

0.4330

261.5174,
268.3838, 340.2518

■ 0.0000, 0.0000,
0.0000

■ 34.2505, 34.3055,
50.1638

■ 34.2505, 34.3055,
50.1638

■ 28.0991, 26.8937,
49.0579

■ 41.4111, 42.9335,
51.4523

■ 22.9086, 20.6395,
48.1243

■ 49.6199, 52.8245,
52.9288

■ 18.6313, 15.4857,
47.3550

■ 58.9180, 64.0279,
54.6012

■ 15.2146, 11.3687,
46.7404

■ 69.3431, 76.5893,
56.4764

■ 12.6001, 8.2184,
46.2701

■ 80.9313, 90.5520,
58.5607

■ 10.7224, 5.9559,
45.9324

■ 85.6518, 96.2407,
59.4099

■ 9.5059, 4.4900,
45.7136

■ 8.8576, 3.7088,
45.5969

■ 8.6519, 3.4609,
45.5599

Harmonies

Analogous

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



31.9902, 34.3055, 51.1010



34.2505, 34.3055, 50.1638



36.1487, 34.3055, 45.6030

Triad

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



34.2505, 34.3055, 50.1638



35.3724, 34.3055, 28.3863



28.4847, 34.3055, 35.6049

Complementary

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



34.2505, 34.3055, 50.1638



42.9087, 46.8716, 38.2390

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.



29.3033, 34.3055, 30.1631



34.2505, 34.3055, 50.1638



33.2304, 34.3055, 26.3223

Square

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



34.2505, 34.3055, 50.1638



36.8170, 34.3055, 32.9099



31.0157, 34.3055, 26.9329



28.7296, 34.3055, 42.1787

Rectangle

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



34.2505, 34.3055, 50.1638



36.9191, 34.3055, 41.3813



31.0157, 34.3055, 26.9329



28.6433, 34.3055, 33.5947

Sweetspot

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



34.2515, 34.3069, 50.1646



75.2534, 78.0513, 93.3037



39.4543, 44.7907, 51.6579



16.0145, 16.5749, 20.0768



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.2515, 34.3069, 50.1646



58.4586, 57.8149, 90.2829



37.0178, 35.7326, 50.2940



8.5212, 8.7196, 11.3134



5.9628, 2.3853, 31.3992



0.2102, 0.0841, 1.1069

Inverse Universe

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



37.6572, 36.3685, 36.4891



65.7258, 62.2140, 61.1014



39.8206, 45.2801, 38.0945



9.0047, 9.0122, 9.3719



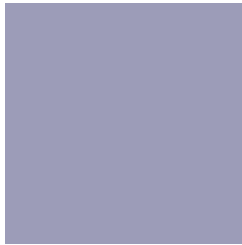
13.6234, 7.0231, 0.6378



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 34.2505, 34.3055, 50.1638 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 34.2505, 34.3055, 50.1638 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 34.2505, 34.3055, 50.1638

Background



This preview shows how black text looks on a background with the XYZ color 34.2505, 34.3055, 50.1638.



This preview shows how white text looks on a background with the XYZ color 34.2505, 34.3055,

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

34.2505, 34.3055, 50.1638

Protanopia

33.9508, 34.3890, 50.7473

Deuteranopia

34.9053, 34.1490, 50.0991



Tritanopia

32.9040, 34.2640, 43.4075

Trichromacy



Original Color

34.2505, 34.3055, 50.1638

Protanomaly

34.1404, 34.4867, 50.7562

Deuteranomaly

34.6711, 34.2743, 50.1356

Tritanomaly

33.4110, 34.2171, 45.9179

Monochromacy



Original Color

34.2505, 34.3055, 50.1638

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3953, 34.5500, 41.9545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2505, 34.3055, 50.1638 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(156, 156, 184)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 184)  
}
```

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(156, 156, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 184) }
```

Border

The CSS property to change the border of an element to XYZ 34.2505, 34.3055, 50.1638 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(156, 156, 184) }
```


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

```
.border{ border-color:rgb(156, 156, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 184);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2505, 34.3055, 50.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 184) }
```

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

```
.background{ background-color: rgb(156,  
156, 184) }
```

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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