

Converting Colors

XYZ(36.4480, 34.6357, 63.9521)

Have a look what the booklet for
XYZ(36.4480, 34.6357, 63.9521)
contains.

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Color

**XYZ(36.3357, 34.5848,
63.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9ACF
RGB	155, 154, 207
RGB Percent	61%, 60%, 81%
CMY	0.3921, 0.3961, 0.1882
CMYK	0.25, 0.26, 0.00, 0.19
HSL	241°, 36%, 71%
HSV	241°, 26%, 81%
XYZ	36.3357, 34.5848, 63.7919
YIQ	160.3410, -16.4170, 16.6950

Conversions

Conversions Part 2

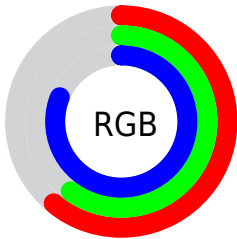
Format	Color
R _Y B	155, 154, 207
Decimal	10197711
CIE Lab	65.42, 11.92, -26.97
CIE LCh	65, 29.482, 293.845
Yxy	34.5848, 0.2697, 0.2567
Android (android.graphics.Color)	4288387791 (0xFF9B9ACF)
YUV	160.3410, 23.0029, -4.6841
Hunter-Lab	58.8088, 7.3727, -23.1476

Details

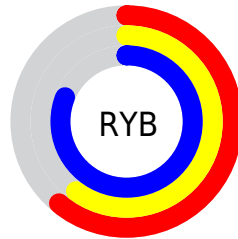
The XYZ color **36.3357, 34.5848, 63.7919** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.6001, 60.0813, 39.3451**, and the grayscale version is **33.4744, 35.2177, 38.3521**.

A 20% lighter version of the original color is **67.1842, 66.0334, 103.8125**, and **16.1113, 14.8511, 31.7231** is the 20% darker color. If you saturate the color by 10%, you get **29.6340, 26.4887, 62.5830**, and if you desaturate by 10%, it is **44.2843, 44.1998, 65.2294**.

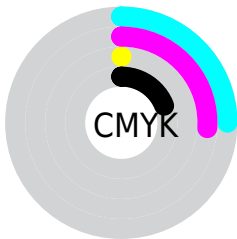
Distribution



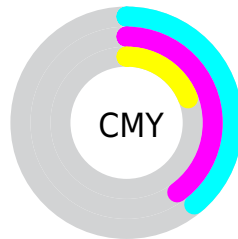
- Red (61%)
- Green (60%)
- Blue (81%)



- Red (61%)
- Yellow (60%)
- Blue (81%)



- Cyan (25%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (39%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3357, 34.5848, 63.7919 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 36.3357, 34.5848, 63.7919 by changing the saturation by 10% instead.

■ 36.3357, 34.5848,
63.7919

■ 36.3357, 34.5848,
63.7919

321.8312,
322.7318, 456.6246

■ 24.8649, 23.3432,
46.0370

■ 68.8704, 66.8421,
111.9078

■ 16.1046, 14.8471,
31.9262

■ 90.6650, 88.6265,
143.1059

■ 9.6895, 8.7122,
21.0408

116.6315,
114.6941, 179.6221

■ 5.2543, 4.5539,
12.9623

147.1354,
145.4291, 221.8750

■ 2.4335, 1.9880,
7.2721

182.5419,
181.2160, 270.2832

■ 0.8618, 0.6005,
3.5519

223.2165,

■ 0.0000, 0.0000,

222.4391, 325.2652

1.3829

269.5245,
269.4830, 387.2395

■ 0.0000, 0.0000,
0.1283

■ 0.0000, 0.0000,
0.0000

■ 36.3357, 34.5848,
63.7919

■ 36.3357, 34.5848,
63.7919

■ 29.6340, 26.4887,
62.5830

■ 44.2843, 44.1998,
65.2294

■ 24.1129, 19.8301,
61.5888

■ 53.5350, 55.4015,
66.9040

■ 19.7050, 14.5261,
60.7973

■ 64.1438, 68.2585,
68.8265

■ 16.3346, 10.4839,
60.1947

■ 76.1624, 82.8341,
71.0064

■ 13.9170, 7.5987,
59.7652

■ 88.2626, 97.2850,
73.1580

■ 12.3537, 5.7494,
59.4907

■ 11.5249, 4.7870,
59.3486

■ 11.3115, 4.5302,
59.3103

Harmonies

Analogous

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



31.9915, 34.5848, 66.5130



36.3357, 34.5848, 63.7919



40.0244, 34.5848, 53.4600

Triad

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



36.3357, 34.5848, 63.7919



38.0054, 34.5848, 21.5656



25.3043, 34.5848, 35.1699

Complementary

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



36.3357, 34.5848, 63.7919



53.6001, 60.0813, 39.3451

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.



26.6265, 34.5848, 25.3224



36.3357, 34.5848, 63.7919



33.7681, 34.5848, 18.6512

Square

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



36.3357, 34.5848, 63.7919



41.0459, 34.5848, 28.8572



29.6354, 34.5848, 19.8584



25.8621, 34.5848, 48.0852

Rectangle

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



36.3357, 34.5848, 63.7919



41.4880, 34.5848, 44.6516



29.6354, 34.5848, 19.8584



25.5397, 34.5848, 31.4339

Sweetspot

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



36.3368, 34.5862, 63.7927



81.8998, 84.0674, 106.5178



46.6893, 55.5746, 67.2982



17.0347, 17.3941, 22.7095



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.



36.3368, 34.5862, 63.7927



51.7975, 47.6500, 101.0751



41.9653, 37.4878, 64.0561



11.1840, 11.4282, 14.8601



7.1356, 2.8588, 37.3682



0.4064, 0.1637, 2.0897

Inverse Universe

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



48.4293, 40.8341, 63.7228



74.5664, 59.4154, 100.8928



46.8798, 56.6169, 39.0306



12.3008, 12.0051, 14.8598



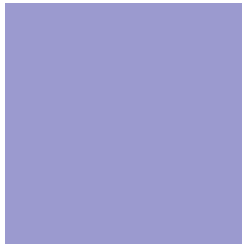
23.0154, 11.0790, 36.5831



1.2900, 0.6207, 2.0620

Previews

White Background



This preview shows how the XYZ color 36.3357, 34.5848, 63.7919 looks on a white background.

Color Contrast Check

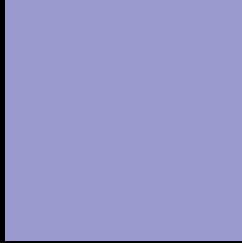
Large Text (above 18pt) WCAG AA × Fail

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 36.3357, 34.5848, 63.7919 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 36.3357, 34.5848, 63.7919

Background



This preview shows how black text looks on a background with the XYZ color 36.3357, 34.5848, 63.7919.



This preview shows how white text looks on a background with the XYZ color 36.3357, 34.5848,

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

36.3357, 34.5848, 63.7919

Protanopia

35.0672, 34.6467, 65.1608

Deuteranopia

35.3637, 34.5778, 63.8418



Tritanopia

32.3264, 34.4546, 44.4818

Trichromacy



Original Color

36.3357, 34.5848, 63.7919

Protanomaly

35.4864, 34.6269, 64.4878

Deuteranomaly

35.7463, 34.5270, 63.8118

Tritanomaly

33.7463, 34.5358, 50.7864

Monochromacy



Original Color

36.3357, 34.5848, 63.7919

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2632, 34.8971, 46.5249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3357, 34.5848, 63.7919 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(155, 154, 207)` looks like.

```
.text, #text, p{  
    color:rgb(155, 154, 207)  
}
```

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(155, 154, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 154, 207) }
```

Border

The CSS property to change the border of an element to XYZ 36.3357, 34.5848, 63.7919 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(155, 154, 207) }
```


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

```
.border{ border-color:rgb(155, 154, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 154, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 154, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 154, 207);  
box-shadow:4px 4px 4px 4px rgb(155, 154,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3357, 34.5848, 63.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 154, 207) }
```

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

```
.background{ background-color: rgb(155,  
154, 207) }
```

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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