

Converting Colors

XYZ(35.6167, 34.0121, 61.8145)

Have a look what the booklet for
XYZ(35.6167, 34.0121, 61.8145)
contains.

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Color

**XYZ(35.6167, 34.0121,
61.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	9A99CC
RGB	154, 153, 204
RGB Percent	60%, 60%, 80%
CMY	0.3961, 0.4000, 0.2000
CMYK	0.25, 0.25, 0.00, 0.20
HSL	241°, 33%, 70%
HSV	241°, 25%, 80%
XYZ	35.6167, 34.0121, 61.8145
YIQ	159.1130, -15.7750, 16.0730

Conversions

Conversions Part 2

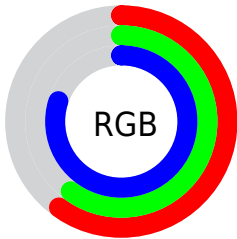
Format	Color
RYB	154, 153, 204
Decimal	10131916
CIELab	64.97, 11.46, -26.00
CIELCh	65, 28.410, 293.783
Yxy	34.0121, 0.2710, 0.2588
Android (android.graphics.Color)	4288321996 (0xFF9A99CC)
YUV	159.1130, 22.1293, -4.4841
Hunter-Lab	58.3199, 6.9524, -22.0188

Details

The XYZ color **35.6167, 34.0121, 61.8145** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.9722, 58.1829, 38.6296**, and the grayscale version is **32.9143, 34.6284, 37.7104**.

A 20% lighter version of the original color is **66.6573, 65.4010, 103.7182**, and **15.7359, 14.5295, 30.8293** is the 20% darker color. If you saturate the color by 10%, you get **29.0643, 26.0948, 60.6322**, and if you desaturate by 10%, it is **43.3764, 43.4007, 63.2183**.

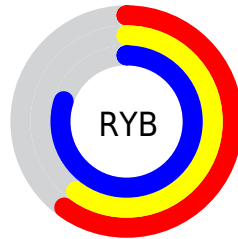
Distribution



Red (60%)

Green (60%)

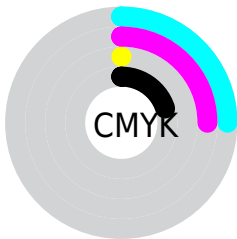
Blue (80%)



Red (60%)

Yellow (60%)

Blue (80%)

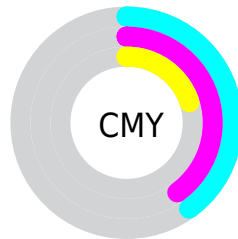


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6167, 34.0121, 61.8145 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 35.6167, 34.0121, 61.8145 by changing the saturation by 10% instead.

■ 35.6167, 34.0121,
61.8145

■ 35.6167, 34.0121,
61.8145

318.7426,
320.1860, 449.2431

■ 24.3070, 22.9029,
44.4480

■ 67.7678, 65.9525,
109.0264

■ 15.6875, 14.5218,
30.6831

■ 89.3399, 87.5525,
139.7088

■ 9.3927, 8.4845,
20.1012

115.0636,
113.4181, 175.6671

■ 5.0574, 4.4065,
12.2838

145.3042,
143.9339, 217.3195

■ 2.3161, 1.9034,
6.8124

180.4270,
179.4842, 265.0848

■ 0.8029, 0.5505,
3.2684

220.7975,

■ 0.0000, 0.0000,

220.4534, 319.3815

1.2333

266.7809,
267.2259, 380.6281

■ 0.0000, 0.0000,
0.0061

■ 0.0000, 0.0000,
0.0000

■ 35.6167, 34.0121,
61.8145

■ 35.6167, 34.0121,
61.8145

■ 29.0643, 26.0948,
60.6322

■ 43.3764, 43.4007,
63.2183

■ 23.6554, 19.5704,
59.6580

■ 52.3962, 54.3256,
64.8516

■ 19.3255, 14.3596,
58.8804

■ 62.7299, 66.8526,
66.7249

■ 16.0022, 10.3734,
58.2861

■ 74.4272, 81.0427,
68.8474

■ 13.6045, 7.5118,
57.8602

■ 87.5339, 96.9514,
71.2272

■ 12.0385, 5.6591,
57.5851

■ 87.8992, 97.1397,
71.2443

■ 11.1910, 4.6745,
57.4397

■ 10.9492, 4.3855,
57.3967

Harmonies

Analogous

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



31.4800, 34.0121, 64.3632



35.6167, 34.0121, 61.8145



39.1240, 34.0121, 52.0626

Triad

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



35.6167, 34.0121, 61.8145



37.2199, 34.0121, 21.6237



25.0974, 34.0121, 34.6384

Complementary

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



35.6167, 34.0121, 61.8145



51.9722, 58.1829, 38.6296

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.



26.3675, 34.0121, 25.2166



35.6167, 34.0121, 61.8145



33.1900, 34.0121, 18.7977

Square

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



35.6167, 34.0121, 61.8145



40.1030, 34.0121, 28.6437



29.2473, 34.0121, 19.9578



25.6282, 34.0121, 46.9196

Rectangle

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



35.6167, 34.0121, 61.8145



40.5157, 34.0121, 43.7134



29.2473, 34.0121, 19.9578



25.3242, 34.0121, 31.0711

Sweetspot

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



35.6178, 34.0135, 61.8153



83.4698, 85.9659, 106.8015



45.4283, 53.9155, 65.1397



17.6632, 18.1546, 22.8232



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.



35.6178, 34.0135, 61.8153



52.8921, 48.9633, 101.2709



40.9628, 36.7689, 62.0654



10.6217, 10.8543, 14.1056



6.9007, 2.7650, 36.1263



0.3633, 0.1464, 1.8641

Inverse Universe

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



47.0736, 39.9329, 61.7279



75.0697, 60.4240, 101.0543



45.6235, 54.9100, 38.3325



11.6777, 11.3998, 14.1034



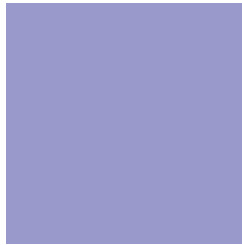
22.2399, 10.7066, 35.3118



1.1504, 0.5536, 1.8380

Previews

White Background



This preview shows how the XYZ color 35.6167, 34.0121, 61.8145 looks on a white background.

Color Contrast Check

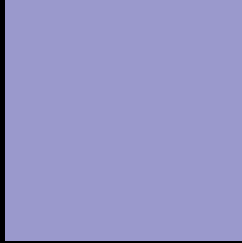
Large Text (above 18pt) WCAG AA × Fail

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 35.6167, 34.0121, 61.8145 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 35.6167, 34.0121, 61.8145

Background



This preview shows how black text looks on a background with the XYZ color 35.6167, 34.0121, 61.8145.



This preview shows how white text looks on a background with the XYZ color 35.6167, 34.0121,

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

35.6167, 34.0121, 61.8145

Protanopia

34.5306, 34.1625, 63.1666

Deuteranopia

34.8332, 34.0982, 61.8725



Tritanopia

32.0573, 34.0707, 43.9164

Trichromacy



Original Color

35.6167, 34.0121, 61.8145

Protanomaly

34.9535, 34.1464, 62.5063

Deuteranomaly

35.0324, 33.9549, 61.8343

Tritanomaly

33.2864, 34.0587, 50.1670

Monochromacy



Original Color

35.6167, 34.0121, 61.8145

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.6995, 34.3772, 45.4167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6167, 34.0121, 61.8145 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, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(154, 153, 204)  
}
```

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, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 153, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.6167, 34.0121, 61.8145 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, 153, 204) }
```


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

```
.border{ border-color:rgb(154, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(154, 153,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6167, 34.0121, 61.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 153, 204) }
```

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

```
.background{ background-color: rgb(154,  
153, 204) }
```

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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