

Converting Colors

XYZ(34.9662, 34.7738, 63.6129)

Have a look what the booklet for
XYZ(34.9662, 34.7738, 63.6129)
contains.

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Color

**XYZ(35.1664, 34.9785,
63.9295)**

Conversions

Conversions Part 1

Format	Color
Hex	919ECF
RGB	145, 158, 207
RGB Percent	57%, 62%, 81%
CMY	0.4314, 0.3804, 0.1882
CMYK	0.30, 0.24, 0.00, 0.19
HSL	227°, 39%, 69%
HSV	227°, 30%, 81%
XYZ	35.1664, 34.9785, 63.9295
YIQ	159.6990, -23.4770, 12.4830

Conversions

Conversions Part 2

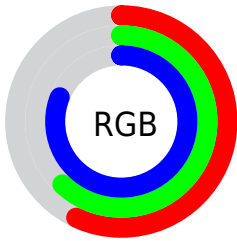
Format	Color
RYB	145, 156, 207
Decimal	9543375
CIELab	65.73, 6.66, -26.56
CIELCh	66, 27.377, 284.072
Yxy	34.9785, 0.2623, 0.2609
Android (android.graphics.Color)	4287733455 (0xFF919ECF)
YUV	159.6990, 23.3194, -12.8910
Hunter-Lab	59.1426, 2.6371, -22.6890

Details

The XYZ color **35.1664, 34.9785, 63.9295** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.1353, 53.8936, 34.5493**, and the grayscale version is **33.1800, 34.9079, 38.0147**.

A 20% lighter version of the original color is **65.6637, 67.0879, 104.0961**, and **15.4394, 15.1095, 31.8085** is the 20% darker color. If you saturate the color by 10%, you get **29.2387, 28.0529, 62.9058**, and if you desaturate by 10%, it is **42.1325, 42.9924, 65.1098**.

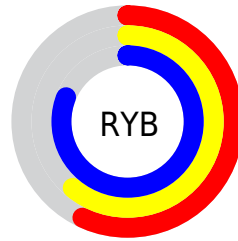
Distribution



Red (57%)

Green (62%)

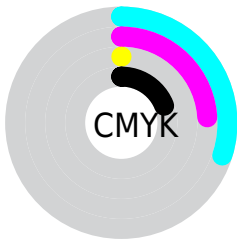
Blue (81%)



Red (57%)

Yellow (61%)

Blue (81%)

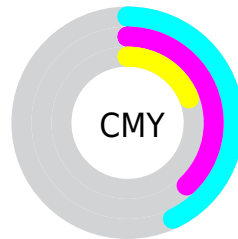


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (19%)



Cyan (43%)

Magenta (38%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1664, 34.9785, 63.9295 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 35.1664, 34.9785, 63.9295 by changing the saturation by 10% instead.

■ 35.1664, 34.9785,
63.9295

■ 35.1664, 34.9785,
63.9295

316.7974,
324.4734, 457.1355

■ 23.9582, 23.6463,
46.1478

■ 67.0758, 67.4525,
112.1079

■ 15.4272, 15.0715,
32.0129

■ 88.5077, 89.3630,
143.3416

■ 9.2080, 8.8696,
21.1065

114.0782,
115.5685, 179.8964

■ 4.9353, 4.6562,
13.0099

144.1527,
146.4533, 222.1908

■ 2.2437, 2.0470,
7.3045

179.0965,
182.4018, 270.6434

■ 0.7656, 0.6346,
3.5719

219.2750,

■ 0.0000, 0.0000,

223.7984, 325.6727

1.3936

265.0535,
271.0275, 387.6972

■ 0.0000, 0.0000,
0.1367

■ 0.0000, 0.0000,
0.0000

■ 35.1664, 34.9785,
63.9295

■ 35.1664, 34.9785,
63.9295

■ 29.2387, 28.0529,
62.9058

■ 42.1325, 42.9924,
65.1098

■ 24.2952, 22.1637,
62.0296

■ 50.1806, 52.1352,
66.4503

■ 20.2819, 17.2609,
61.2948

■ 59.3561, 62.4505,
67.9578

■ 17.1382, 13.2884,
60.6937

■ 69.7007, 73.9781,
69.6376

■ 14.7959, 10.1842,
60.2180

■ 81.2540, 86.7563,
71.4951

■ 13.1755, 7.8780,
59.8582

■ 88.2626, 97.2850,
73.1580

■ 12.1456, 6.2691,
59.6020

■ 12.1413, 6.2625,
59.6009

Harmonies

Analogous

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



31.1640, 34.9785, 63.6671



35.1664, 34.9785, 63.9295



38.9338, 34.9785, 56.3634

Triad

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



35.1664, 34.9785, 63.9295



39.1314, 34.9785, 24.6382



26.3359, 34.9785, 32.3130

Complementary

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



35.1664, 34.9785, 63.9295



50.1353, 53.8936, 34.5493

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.



28.1410, 34.9785, 24.2600



35.1664, 34.9785, 63.9295



35.4187, 34.9785, 20.4797

Square

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



35.1664, 34.9785, 63.9295



41.3451, 34.9785, 32.9394



31.3968, 34.9785, 20.3569



26.2803, 34.9785, 43.7418

Rectangle

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



35.1664, 34.9785, 63.9295



40.7151, 34.9785, 48.6391



31.3968, 34.9785, 20.3569



26.7512, 34.9785, 29.1811

Sweetspot

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



35.1676, 34.9799, 63.9303



81.5893, 84.8729, 106.6896



43.6797, 54.5217, 59.0065



17.0282, 17.6746, 22.7640



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.



35.1676, 34.9799, 63.9303



50.0155, 48.6681, 101.3655



36.4045, 32.4978, 63.3860



11.3617, 11.8137, 14.9251



7.7055, 4.0576, 37.5696



0.4896, 0.3444, 2.1202

Inverse Universe

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



42.0300, 35.9859, 37.0800



62.8628, 50.9215, 51.0157



48.5184, 57.5450, 35.3393



11.9087, 11.8482, 12.7951



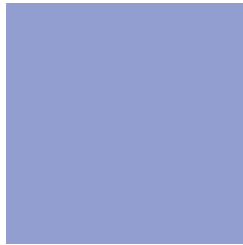
16.5201, 8.4809, 2.3791



0.9534, 0.4861, 0.2893

Previews

White Background



This preview shows how the XYZ color 35.1664, 34.9785, 63.9295 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 35.1664, 34.9785, 63.9295 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 35.1664, 34.9785, 63.9295

Background



This preview shows how black text looks on a background with the XYZ color 35.1664, 34.9785, 63.9295.



This preview shows how white text looks on a background with the XYZ color 35.1664, 34.9785,

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

35.1664, 34.9785, 63.9295

Protanopia

35.3434, 35.0697, 63.9378

Deuteranopia

35.7139, 35.0085, 63.9065



Tritanopia

31.8587, 35.2142, 46.7129

Trichromacy



Original Color

35.1664, 34.9785, 63.9295

Protanomaly

35.3434, 35.0697, 63.9378

Deuteranomaly

35.5322, 34.9148, 63.8980

Tritanomaly

32.9819, 35.1342, 52.6202

Monochromacy



Original Color

35.1664, 34.9785, 63.9295

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8515, 34.9392, 46.5547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1664, 34.9785, 63.9295 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(145, 158, 207)` looks like.

```
.text, #text, p{  
    color:rgb(145, 158, 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(145, 158, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 158, 207) }
```

Border

The CSS property to change the border of an element to XYZ 35.1664, 34.9785, 63.9295 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(145, 158, 207) }
```


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

```
.border{ border-color:rgb(145, 158, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 158, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 158, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 158, 207);  
box-shadow:4px 4px 4px 4px rgb(145, 158,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1664, 34.9785, 63.9295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 158, 207) }
```

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

```
.background{ background-color: rgb(145,  
158, 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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