

Converting Colors

XYZ(35.9485, 34.6259, 62.5435)

Have a look what the booklet for
XYZ(35.9485, 34.6259, 62.5435)
contains.

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Color

**XYZ(35.8777, 34.6228,
62.5495)**

Conversions

Conversions Part 1

Format	Color
Hex	999BCD
RGB	153, 155, 205
RGB Percent	60%, 61%, 80%
CMY	0.4000, 0.3921, 0.1961
CMYK	0.25, 0.24, 0.00, 0.20
HSL	238°, 34%, 70%
HSV	238°, 25%, 80%
XYZ	35.8777, 34.6228, 62.5495
YIQ	160.1020, -17.2420, 15.1260

Conversions

Conversions Part 2

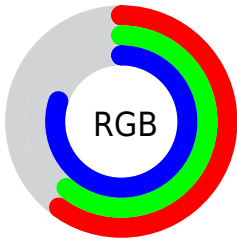
Format	Color
RYB	153, 155, 205
Decimal	10066893
CIELab	65.45, 10.26, -25.82
CIELCh	65, 27.784, 291.668
Yxy	34.6228, 0.2697, 0.2602
Android (android.graphics.Color)	4288256973 (0xFF999BCD)
YUV	160.1020, 22.1347, -6.2285
Hunter-Lab	58.8411, 5.8663, -21.8378

Details

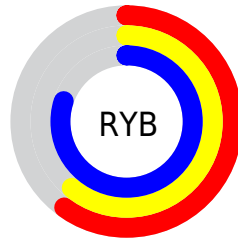
The XYZ color **35.8777, 34.6228, 62.5495** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2831, 57.9913, 38.5760**, and the grayscale version is **33.3684, 35.1062, 38.2306**.

A 20% lighter version of the original color is **66.8629, 66.2308, 103.8675**, and **15.9031, 14.9017, 31.3163** is the 20% darker color. If you saturate the color by 10%, you get **29.3188, 26.7635, 61.3788**, and if you desaturate by 10%, it is **43.6390, 43.8985, 63.9314**.

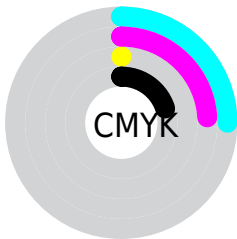
Distribution



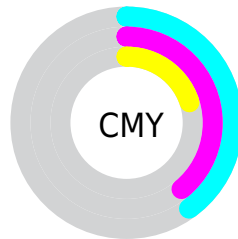
- Red (60%)
- Green (61%)
- Blue (80%)



- Red (60%)
- Yellow (61%)
- Blue (80%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8777, 34.6228, 62.5495 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 35.8777, 34.6228, 62.5495 by changing the saturation by 10% instead.

■ 35.8777, 34.6228,
62.5495

■ 35.8777, 34.6228,
62.5495

319.8662,
322.9002, 451.9955

■ 24.5094, 23.3725,
45.0382

■ 68.1684, 66.9010,
110.0986

■ 15.8387, 14.8688,
31.1443

■ 89.8215, 88.6977,
140.9735

■ 9.5002, 8.7273,
20.4494

115.6336,
114.7786, 177.1400

■ 5.1286, 4.5638,
12.5348

145.9700,
145.5281, 219.0166

■ 2.3584, 1.9937,
6.9821

181.1961,
181.3306, 267.0220

■ 0.8243, 0.6038,
3.3726

221.6773,

■ 0.0000, 0.0000,

222.5705, 321.5745

1.2879

267.7789,
269.6323, 383.0929

■ 0.0000, 0.0000,
0.0518

■ 0.0000, 0.0000,
0.0000

■ 35.8777, 34.6228,
62.5495

■ 35.8777, 34.6228,
62.5495

■ 29.3188, 26.7635,
61.3788

■ 43.6390, 43.8985,
63.9314

■ 23.8991, 20.2470,
60.4066

■ 52.6552, 54.6510,
65.5317

■ 19.5546, 14.9995,
59.6227

■ 62.9795, 66.9425,
67.3600

■ 16.2136, 10.9382,
59.0149

■ 74.6613, 80.8301,
69.4249

■ 13.7958, 7.9706,
58.5695

■ 87.5619, 96.2726,
71.7256

■ 12.2084, 5.9906,
58.2710

■ 88.0196, 97.1878,
71.8782

■ 11.3393, 4.8708,
58.1007

■ 11.1052, 4.5790,
58.0567

Harmonies

Analogous

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



31.7888, 34.6228, 64.4534



35.8777, 34.6228, 62.5495



39.4247, 34.6228, 53.3479

Triad

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



35.8777, 34.6228, 62.5495



37.9951, 34.6228, 22.7298



25.7673, 34.6228, 34.5482

Complementary

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



35.8777, 34.6228, 62.5495



52.2831, 57.9913, 38.5760

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.



27.1520, 34.6228, 25.4543



35.8777, 34.6228, 62.5495



34.0531, 34.6228, 19.6106

Square

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



35.8777, 34.6228, 62.5495



40.7156, 34.6228, 30.0257



30.1067, 34.6228, 20.4935



26.1683, 34.6228, 46.5780

Rectangle

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



35.8777, 34.6228, 62.5495



40.8951, 34.6228, 45.1826



30.1067, 34.6228, 20.4935



26.0349, 34.6228, 31.0899

Sweetspot

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



35.8788, 34.6242, 62.5503



81.9977, 84.4514, 106.5868



45.6771, 54.7189, 64.2807



17.0590, 17.4897, 22.7267



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.



35.8788, 34.6242, 62.5503



53.1392, 49.9725, 101.4527



40.4067, 36.4682, 62.6676



10.6358, 10.9120, 14.1160



6.9292, 2.8824, 36.1474



0.3699, 0.1735, 1.8689

Inverse Universe

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



42.4854, 38.1293, 36.1323



65.6461, 56.6546, 51.4304



46.7790, 55.8597, 38.4547



11.2295, 11.2205, 11.7433



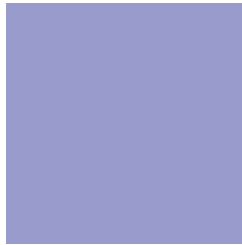
15.7085, 8.0940, 0.9175



0.8166, 0.4201, 0.0803

Previews

White Background



This preview shows how the XYZ color 35.8777, 34.6228, 62.5495 looks on a white background.

Color Contrast Check

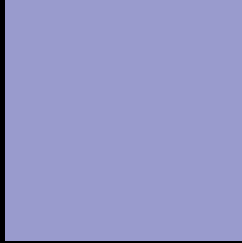
Large Text (above 18pt) WCAG AA × Fail

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 35.8777, 34.6228, 62.5495 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 35.8777, 34.6228, 62.5495

Background



This preview shows how black text looks on a background with the XYZ color 35.8777, 34.6228, 62.5495.



This preview shows how white text looks on a background with the XYZ color 35.8777, 34.6228,

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

35.8777, 34.6228, 62.5495

Protanopia

35.0516, 34.6812, 63.2392

Deuteranopia

35.4856, 34.6687, 62.5791



Tritanopia

32.4175, 34.7488, 45.0430

Trichromacy



Original Color

35.8777, 34.6228, 62.5495

Protanomaly

35.4235, 34.6227, 63.2084

Deuteranomaly

35.6704, 34.7640, 62.5877

Tritanomaly

33.5495, 34.6886, 50.8263

Monochromacy



Original Color

35.8777, 34.6228, 62.5495

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9680, 34.7564, 45.9926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8777, 34.6228, 62.5495 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(153, 155, 205)` looks like.

```
.text, #text, p{  
    color:rgb(153, 155, 205)  
}
```

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(153, 155, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 155, 205) }
```

Border

The CSS property to change the border of an element to XYZ 35.8777, 34.6228, 62.5495 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(153, 155, 205) }
```


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

```
.border{ border-color:rgb(153, 155, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 155, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 155, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 155, 205);  
box-shadow:4px 4px 4px 4px rgb(153, 155,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8777, 34.6228, 62.5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 155, 205) }
```

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

```
.background{ background-color: rgb(153,  
155, 205) }
```

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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