

Converting Colors

XYZ(34.9347, 34.6671, 57.6011)

Have a look what the booklet for
XYZ(34.9347, 34.6671, 57.6011)
contains.

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Color

**XYZ(35.0839, 34.8206,
57.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	989DC5
RGB	152, 157, 197
RGB Percent	60%, 62%, 77%
CMY	0.4039, 0.3843, 0.2274
CMYK	0.23, 0.20, 0.00, 0.23
HSL	233°, 28%, 68%
HSV	233°, 23%, 77%
XYZ	35.0839, 34.8206, 57.6952
YIQ	160.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

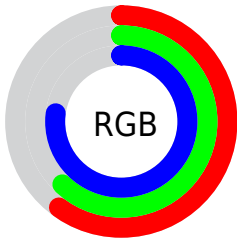
Format	Color
R_{YB}	152, 157, 197
Decimal	10001861
CIE _{Lab}	65.61, 6.91, -21.14
CIE _{LCh}	66, 22.237, 288.095
Yxy	34.8206, 0.2750, 0.2729
Android (android.graphics.Color)	4288191941 (0xFF989DC5)
YUV	160.0650, 18.2090, -7.0730
Hunter-Lab	59.0090, 2.8618, -16.6637

Details

The XYZ color **35.0839, 34.8206, 57.6952** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.5434, 51.8365, 37.2063**, and the grayscale version is **33.3684, 35.1062, 38.2306**.

A 20% lighter version of the original color is **66.9158, 67.0097, 103.1733**, and **15.3675, 15.0006, 28.0720** is the 20% darker color. If you saturate the color by 10%, you get **28.9453, 27.5695, 56.6197**, and if you desaturate by 10%, it is **42.2617, 43.2394, 58.9425**.

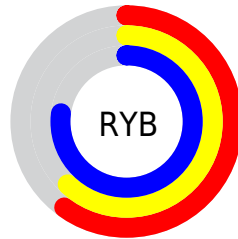
Distribution



Red (60%)

Green (62%)

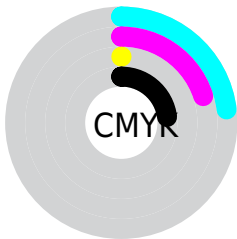
Blue (77%)



Red (60%)

Yellow (62%)

Blue (77%)

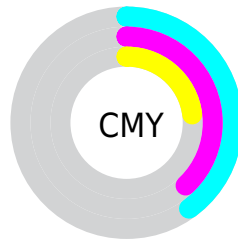


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0839, 34.8206, 57.6952 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 35.0839, 34.8206, 57.6952 by changing the saturation by 10% instead.

■ 35.0839, 34.8206,
57.6952

■ 35.0839, 34.8206,
57.6952

316.4400,
323.7758, 433.6157

■ 23.8943, 23.5247,
41.1506

■ 66.9489, 67.2078,
102.9893

■ 15.3796, 14.9814,
28.1162

■ 88.3550, 89.0678,
132.5758

■ 9.1743, 8.8064,
18.1734

113.8974,
115.2181, 167.3467

■ 4.9130, 4.6151,
10.9039

143.9413,
146.0429, 207.7205

■ 2.2306, 2.0232,
5.8889

178.8522,
181.9267, 254.1157

■ 0.7588, 0.6209,
2.7099

218.9954,

■ 0.0000, 0.0000,

223.2538, 306.9510

0.9484

264.7362,
270.4087, 366.6448

■ 0.0000, 0.0000,
0.0000

■ 35.0839, 34.8206,
57.6952

■ 35.0839, 34.8206,
57.6952

■ 28.9453, 27.5695,
56.6197

■ 42.2617, 43.2394,
58.9425

■ 23.7945, 21.4304,
55.7062

■ 50.5204, 52.8699,
60.3661

■ 19.5804, 16.3492,
54.9476

■ 59.9034, 63.7592,
61.9734

■ 16.2462, 12.2658,
54.3351

■ 70.4510, 75.9504,
63.7706

■ 13.7288, 9.1138,
53.8594

■ 82.2011, 89.4847,
65.7637

■ 11.9566, 6.8187,
53.5098

■ 87.0781, 96.8113,
66.9208

■ 10.8452, 5.2942,
53.2741

■ 10.3631, 4.6011,
53.1658

Harmonies

Analogous

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



31.8180, 34.8206, 58.3624



35.0839, 34.8206, 57.6952



37.9904, 34.8206, 51.2311

Triad

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



35.0839, 34.8206, 57.6952



37.4674, 34.8206, 26.0474



27.3265, 34.8206, 34.3252

Complementary

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



35.0839, 34.8206, 57.6952



47.5434, 51.8365, 37.2063

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.



28.6410, 34.8206, 27.1307



35.0839, 34.8206, 57.6952



34.4076, 34.8206, 22.9047

Square

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



35.0839, 34.8206, 57.6952



39.4276, 34.8206, 32.6002



31.1845, 34.8206, 23.2656



27.4812, 34.8206, 43.7753

Rectangle

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



35.0839, 34.8206, 57.6952



39.2675, 34.8206, 45.0228



31.1845, 34.8206, 23.2656



27.6075, 34.8206, 31.5953

Sweetspot

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



35.0850, 34.8220, 57.6960



83.9309, 87.0618, 106.9887



42.4026, 50.4033, 57.2186



17.7696, 18.4074, 22.8664



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.



35.0850, 34.8220, 57.6960



57.5840, 56.1736, 102.4153



37.7230, 34.9513, 57.5819



10.1500, 10.4741, 13.4042



6.8474, 3.0887, 34.9796



0.3569, 0.2117, 1.6672

Inverse Universe

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



40.3409, 36.7620, 36.8695



68.5459, 60.3272, 58.9542



44.3987, 51.8735, 37.3792



10.6810, 10.6558, 11.3035



15.2556, 7.8518, 1.2897



0.7389, 0.3784, 0.1480

Previews

White Background



This preview shows how the XYZ color 35.0839, 34.8206, 57.6952 looks on a white background.

Color Contrast Check

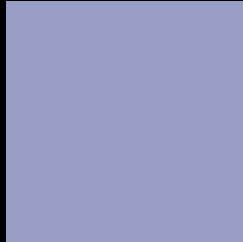
Large Text (above 18pt) WCAG AA × Fail

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 35.0839, 34.8206, 57.6952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

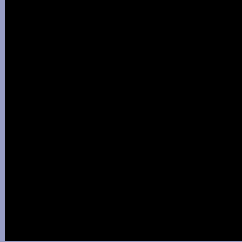
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0839, 34.8206, 57.6952

Background



This preview shows how black text looks on a background with the XYZ color 35.0839, 34.8206, 57.6952.



This preview shows how white text looks on a background with the XYZ color 35.0839, 34.8206,

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

35.0839, 34.8206, 57.6952

Protanopia

34.8826, 34.9690, 57.7345

Deuteranopia

35.4841, 34.7767, 57.6657



Tritanopia

32.5976, 34.8416, 45.0514

Trichromacy



Original Color

35.0839, 34.8206, 57.6952

Protanomaly

35.0674, 35.0642, 57.7431

Deuteranomaly

35.2929, 34.6782, 57.6567

Tritanomaly

33.4087, 34.9086, 49.2332

Monochromacy



Original Color

35.0839, 34.8206, 57.6952

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8456, 34.9815, 44.5034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0839, 34.8206, 57.6952 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(152, 157, 197)` looks like.

```
.text, #text, p{  
    color:rgb(152, 157, 197)  
}
```

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(152, 157, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 157, 197) }
```

Border

The CSS property to change the border of an element to XYZ 35.0839, 34.8206, 57.6952 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(152, 157, 197) }
```


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

```
.border{ border-color:rgb(152, 157, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 157, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 157, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 157, 197);  
box-shadow:4px 4px 4px 4px rgb(152, 157,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0839, 34.8206, 57.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 157, 197) }
```

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

```
.background{ background-color: rgb(152,  
157, 197) }
```

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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