

Converting Colors

XYZ(35.1002, 34.8329, 55.3348)

Have a look what the booklet for
XYZ(35.1002, 34.8329, 55.3348)
contains.

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Color

**XYZ(35.2002, 34.9328,
55.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9DC1
RGB	155, 157, 193
RGB Percent	61%, 62%, 76%
CMY	0.3921, 0.3843, 0.2431
CMYK	0.20, 0.19, 0.00, 0.24
HSL	237°, 23%, 68%
HSV	237°, 20%, 76%
XYZ	35.2002, 34.9328, 55.3395
YIQ	160.5060, -12.7480, 10.7720

Conversions

Conversions Part 2

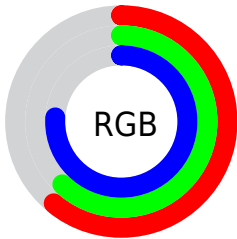
Format	Color
R _{YB}	155, 157, 193
Decimal	10198465
CIE Lab	65.70, 6.93, -18.75
CIE LCh	66, 19.990, 290.269
Yxy	34.9328, 0.2805, 0.2784
Android (android.graphics.Color)	4288388545 (0xFF9B9DC1)
YUV	160.5060, 16.0195, -4.8288
Hunter-Lab	59.1040, 2.8762, -14.1409

Details

The XYZ color **35.2002, 34.9328, 55.3395** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.5398, 50.9656, 38.3957**, and the grayscale version is **33.5806, 35.3294, 38.4737**.

A 20% lighter version of the original color is **67.1279, 67.1923, 99.8739**, and **15.4078, 15.0557, 26.5201** is the 20% darker color. If you saturate the color by 10%, you get **28.9229, 27.4439, 54.2254**, and if you desaturate by 10%, it is **42.5346, 43.6555, 56.6372**.

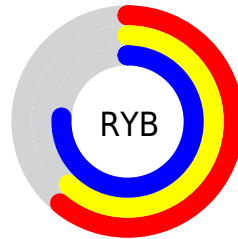
Distribution



Red (61%)

Green (62%)

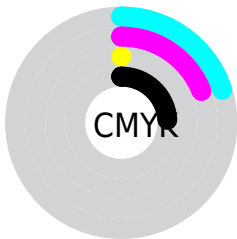
Blue (76%)



Red (61%)

Yellow (62%)

Blue (76%)

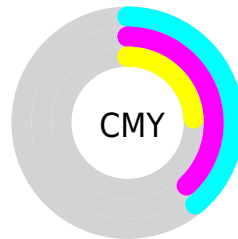


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (39%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2002, 34.9328, 55.3395 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 35.2002, 34.9328, 55.3395 by changing the saturation by 10% instead.

■ 35.2002, 34.9328,
55.3395

■ 35.2002, 34.9328,
55.3395

316.9437,
324.2716, 424.5157

■ 23.9844, 23.6111,
39.2732

■ 67.1278, 67.3817,
99.5143

■ 15.4467, 15.0454,
26.6628

■ 88.5702, 89.2776,
128.4599

■ 9.2218, 8.8513,
17.0900

114.1523,
115.4671, 162.5357

■ 4.9444, 4.6443,
10.1360

144.2392,
146.3346, 202.1601

■ 2.2491, 2.0401,
5.3825

179.1965,
182.2643, 247.7518

■ 0.7684, 0.6306,
2.4107

219.3894,

■ 0.0000, 0.0000,

223.6408, 299.7293

0.7923

265.1834,
270.8485, 358.5111

■ 0.0000, 0.0000,
0.0000

■ 35.2002, 34.9328,
55.3395

■ 35.2002, 34.9328,
55.3395

■ 28.9229, 27.4439,
54.2254

■ 42.5346, 43.6555,
56.6372

■ 23.6508, 21.1291,
53.2844

■ 50.9683, 53.6598,
58.1237

■ 19.3328, 15.9301,
52.5085

■ 60.5450, 64.9959,
59.8070

■ 15.9116, 11.7820,
51.8881

■ 71.3054, 77.7103,
61.6940

■ 13.3241, 8.6132,
51.4129

■ 83.2877, 91.8471,
63.7911

■ 11.4987, 6.3429,
51.0709

■ 86.6257, 96.6303,
64.5385

■ 10.3521, 4.8776,
50.8485

■ 9.7499, 4.0875,
50.7277

■ 9.7361, 4.0710,
50.7252

Harmonies

Analogous

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



32.2559, 34.9328, 56.3337



35.2002, 34.9328, 55.3395



37.7438, 34.9328, 49.3544

Triad

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



35.2002, 34.9328, 55.3395



36.9496, 34.9328, 26.8916



27.9354, 34.9328, 35.3637

Complementary

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



35.2002, 34.9328, 55.3395



46.5398, 50.9656, 38.3957

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.



29.0411, 34.9328, 28.5953



35.2002, 34.9328, 55.3395



34.1676, 34.9328, 24.2033

Square

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



35.2002, 34.9328, 55.3395



38.7945, 34.9328, 32.6972



31.2820, 34.9328, 24.7772



28.1756, 34.9328, 43.9262

Rectangle

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



35.2002, 34.9328, 55.3395



38.8146, 34.9328, 43.7694



31.2820, 34.9328, 24.7772



28.1594, 34.9328, 32.8263

Sweetspot

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



35.2013, 34.9342, 55.3403



81.3775, 84.3579, 102.3539



41.9336, 48.8473, 56.2020



17.2503, 17.8508, 21.9217



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2013, 34.9342, 55.3403



57.5442, 56.0099, 98.1384



38.2442, 36.0043, 55.3865



9.5699, 9.8312, 12.6780



6.4940, 2.7446, 33.7441



0.2956, 0.1486, 1.4630

Inverse Universe

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



39.8004, 37.2154, 36.9855



67.4204, 60.9535, 58.7124



43.0124, 49.7995, 38.3566



10.0942, 10.0863, 10.5867



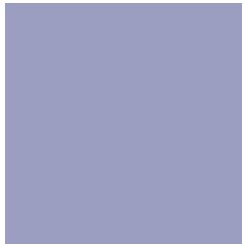
14.6739, 7.5593, 0.9287



0.6416, 0.3296, 0.0800

Previews

White Background



This preview shows how the XYZ color 35.2002, 34.9328, 55.3395 looks on a white background.

Color Contrast Check

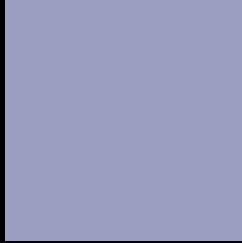
Large Text (above 18pt) WCAG AA × Fail

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 35.2002, 34.9328, 55.3395 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

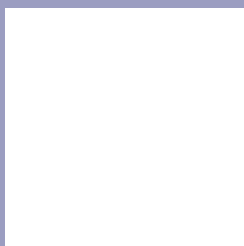
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2002, 34.9328, 55.3395

Background



This preview shows how black text looks on a background with the XYZ color 35.2002, 34.9328, 55.3395.



This preview shows how white text looks on a background with the XYZ color 35.2002, 34.9328,

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

35.2002, 34.9328, 55.3395

Protanopia

34.9134, 35.0242, 55.9591

Deuteranopia

35.6147, 34.8963, 55.3106



Tritanopia

32.8761, 34.7381, 44.5075

Trichromacy



Original Color

35.2002, 34.9328, 55.3395

Protanomaly

35.1013, 35.1211, 55.9679

Deuteranomaly

35.4187, 34.7953, 55.3015

Tritanomaly

33.5853, 34.7670, 48.1206

Monochromacy



Original Color

35.2002, 34.9328, 55.3395

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4117, 35.5297, 44.5794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2002, 34.9328, 55.3395 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, 157, 193)` looks like.

```
.text, #text, p{  
    color:rgb(155, 157, 193)  
}
```

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, 157, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 157, 193) }
```

Border

The CSS property to change the border of an element to XYZ 35.2002, 34.9328, 55.3395 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, 157, 193) }
```


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

```
.border{ border-color:rgb(155, 157, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 157, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 157, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 157, 193);  
box-shadow:4px 4px 4px 4px rgb(155, 157,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2002, 34.9328, 55.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 157, 193) }
```

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

```
.background{ background-color: rgb(155,  
157, 193) }
```

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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