

Converting Colors

XYZ(34.9111, 34.5230, 54.7252)

Have a look what the booklet for
XYZ(34.9111, 34.5230, 54.7252)
contains.

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Color

**XYZ(34.9205, 34.5513,
54.6977)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9CC0
RGB	155, 156, 192
RGB Percent	61%, 61%, 75%
CMY	0.3921, 0.3882, 0.2471
CMYK	0.19, 0.19, 0.00, 0.25
HSL	238°, 23%, 68%
HSV	238°, 19%, 75%
XYZ	34.9205, 34.5513, 54.6977
YIQ	159.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

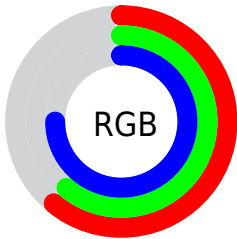
Format	Color
R_YB	155, 156, 192
Decimal	10198208
CIE Lab	65.40, 7.26, -18.65
CIE LCh	65, 20.010, 291.267
Yxy	34.5513, 0.2812, 0.2783
Android (android.graphics.Color)	4288388288 (0xFF9B9CC0)
YUV	159.8050, 15.8721, -4.2140
Hunter-Lab	58.7804, 3.1785, -14.0257

Details

The XYZ color **34.9205, 34.5513, 54.6977** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.2858, 50.8346, 38.3839**, and the grayscale version is **33.2580, 34.9900, 38.1041**.

A 20% lighter version of the original color is **66.5682, 66.5721, 98.1481**, and **15.2325, 14.8217, 26.1028** is the 20% darker color. If you saturate the color by 10%, you get **28.6274, 27.0068, 53.5737**, and if you desaturate by 10%, it is **42.2837, 43.3648, 56.0114**.

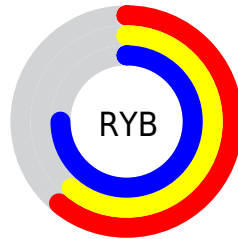
Distribution



Red (61%)

Green (61%)

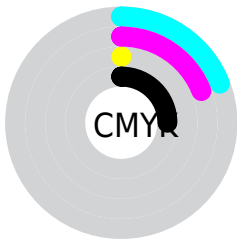
Blue (75%)



Red (61%)

Yellow (61%)

Blue (75%)

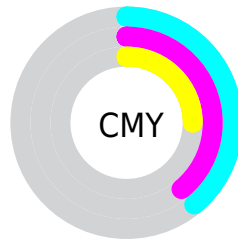


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9205, 34.5513, 54.6977 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 34.9205, 34.5513, 54.6977 by changing the saturation by 10% instead.

■ 34.9205, 34.5513,
54.6977

■ 34.9205, 34.5513,
54.6977

315.7315,
322.5833, 422.0146

■ 23.7679, 23.3174,
38.7628

■ 66.6974, 66.7901,
98.5646

■ 15.2853, 14.8281,
26.2688

■ 88.0524, 88.5638,
127.3337

■ 9.1075, 8.6988,
16.7973

113.5389,
114.6196, 161.2178

■ 4.8690, 4.5453,
9.9296

143.5223,
145.3418, 200.6357

■ 2.2046, 1.9830,
5.2473

178.3679,
181.1149, 246.0058

■ 0.7452, 0.5976,
2.3318

218.4410,

■ 0.0000, 0.0000,

222.3233, 297.7466

0.7490

264.1071,
269.3513, 356.2767

■ 0.0000, 0.0000,
0.0000

■ 34.9205, 34.5513,
54.6977

■ 34.9205, 34.5513,
54.6977

■ 28.6274, 27.0068,
53.5737

■ 42.2837, 43.3648,
56.0114

■ 23.3517, 20.6689,
52.6284

■ 50.7602, 53.4975,
57.5204

■ 19.0408, 15.4764,
51.8534

■ 60.3946, 65.0020,
59.2332

■ 15.6364, 11.3609,
51.2384

■ 71.2283, 77.9268,
61.1570

■ 13.0738, 8.2467,
50.7724

■ 83.3004, 92.3181,
63.2985

■ 11.2796, 6.0484,
50.4427

■ 86.5145, 96.5858,
63.9528

■ 10.1682, 4.6665,
50.2345

■ 9.6033, 3.9573,
50.1274

■ 9.5709, 3.9186,
50.1216

Harmonies

Analogous

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



31.9942, 34.5513, 55.8730



34.9205, 34.5513, 54.6977



37.4210, 34.5513, 48.6142

Triad

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



34.9205, 34.5513, 54.6977



36.4826, 34.5513, 26.4119



27.5934, 34.5513, 35.2297

Complementary

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



34.9205, 34.5513, 54.6977



46.2858, 50.8346, 38.3839

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.



28.6489, 34.5513, 28.4233



34.9205, 34.5513, 54.6977



33.7005, 34.5513, 23.8511

Square

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



34.9205, 34.5513, 54.6977



38.3595, 34.5513, 32.0803



30.8438, 34.5513, 24.5285



27.8771, 34.5513, 43.7645

Rectangle

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



34.9205, 34.5513, 54.6977



38.4538, 34.5513, 43.0289



30.8438, 34.5513, 24.5285



27.8009, 34.5513, 32.6854

Sweetspot

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



34.9216, 34.5527, 54.6985



81.2672, 84.1374, 102.3172



41.7462, 48.4198, 56.3019



17.2243, 17.7989, 21.9130



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.



34.9216, 34.5527, 54.6985



58.3721, 56.7316, 98.2340



38.3084, 36.0503, 54.8090



9.5497, 9.7907, 12.6713



6.4494, 2.6553, 33.7292



0.2864, 0.1301, 1.4599

Inverse Universe

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



39.4612, 37.0504, 36.5257



68.0664, 62.0849, 59.4224



42.3862, 49.1496, 38.2642



10.0840, 10.0822, 10.5329



14.6513, 7.5503, 0.8100



0.6369, 0.3278, 0.0555

Previews

White Background



This preview shows how the XYZ color 34.9205, 34.5513, 54.6977 looks on a white background.

Color Contrast Check

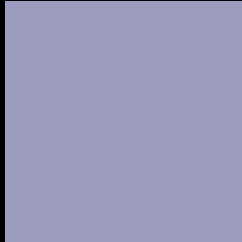
Large Text (above 18pt) WCAG AA × Fail

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 34.9205, 34.5513, 54.6977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

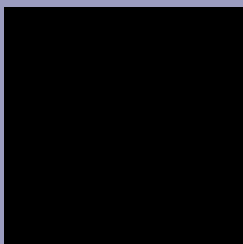
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9205, 34.5513, 54.6977

Background



This preview shows how black text looks on a background with the XYZ color 34.9205, 34.5513, 54.6977.



This preview shows how white text looks on a background with the XYZ color 34.9205, 34.5513,

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

34.9205, 34.5513, 54.6977

Protanopia

34.4451, 34.5435, 55.3042

Deuteranopia

35.1404, 34.4166, 54.6601



Tritanopia

32.6070, 34.3541, 43.9422

Trichromacy



Original Color

34.9205, 34.5513, 54.6977

Protanomaly

34.6315, 34.6396, 55.3129

Deuteranomaly

34.9461, 34.3164, 54.6510

Tritanomaly

33.3124, 34.3838, 47.5288

Monochromacy



Original Color

34.9205, 34.5513, 54.6977

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9451, 35.0439, 44.0048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9205, 34.5513, 54.6977 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, 156, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 156, 192)  
}
```

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, 156, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 156, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.9205, 34.5513, 54.6977 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, 156, 192) }
```


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

```
.border{ border-color:rgb(155, 156, 192) }
```

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

Here you see how a box with a 4 pixel rgb(155, 156, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 156, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 156, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 156,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9205, 34.5513, 54.6977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 156, 192) }
```

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

```
.background{ background-color: rgb(155,  
156, 192) }
```

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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