

Converting Colors

XYZ(34.9175, 33.0010, 54.4874)

Have a look what the booklet for
XYZ(34.9175, 33.0010, 54.4874)
contains.

XYZ(34.9180, 33.0920, 54.4162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9180, 33.0920,
54.4162)**

Conversions

Conversions Part 1

Format	Color
Hex	A096C0
RGB	160, 150, 192
RGB Percent	63%, 59%, 75%
CMY	0.3725, 0.4118, 0.2471
CMYK	0.17, 0.22, 0.00, 0.25
HSL	254°, 25%, 67%
HSV	254°, 22%, 75%
XYZ	34.9180, 33.0920, 54.4162
YIQ	157.7780, -7.5220, 15.1820

Conversions

Conversions Part 2

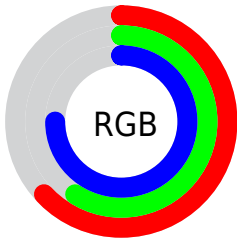
Format	Color
R_{YB}	160, 150, 192
Decimal	10524352
CIE Lab	64.24, 12.26, -20.38
CIE LCh	64, 23.782, 301.032
Yxy	33.0920, 0.2852, 0.2703
Android (android.graphics.Color)	4288714432 (0xFFA096C0)
YUV	157.7780, 16.8714, 1.9487
Hunter-Lab	57.5256, 7.6794, -15.8172

Details

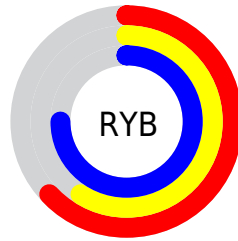
The XYZ color **34.9180, 33.0920, 54.4162** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.6470, 49.8471, 36.1766**, and the grayscale version is **32.3282, 34.0117, 37.0388**.

A 20% lighter version of the original color is **66.5605, 64.4101, 97.7312**, and **15.2336, 13.9468, 25.9339** is the 20% darker color. If you saturate the color by 10%, you get **29.3474, 26.0393, 53.3490**, and if you desaturate by 10%, it is **41.3369, 41.3288, 55.6683**.

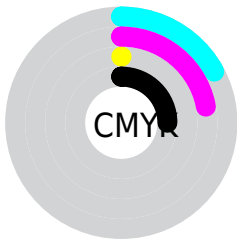
Distribution



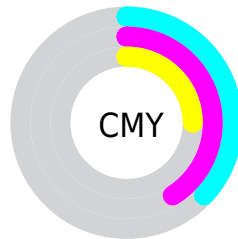
- Red (63%)
- Green (59%)
- Blue (75%)



- Red (63%)
- Yellow (59%)
- Blue (75%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9180, 33.0920, 54.4162 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 34.9180, 33.0920, 54.4162 by changing the saturation by 10% instead.

■ 34.9180, 33.0920,
54.4162

■ 34.9180, 33.0920,
54.4162

315.7206,
316.0641, 420.9145

■ 23.7659, 22.1969,
38.5391

■ 66.6936, 64.5191,
98.1476

■ 15.2839, 14.0017,
26.0963

■ 88.0478, 85.8200,
126.8390

■ 9.1065, 8.1218,
16.6693

113.5335,
111.3582, 160.6389

■ 4.8684, 4.1730,
9.8395

143.5159,
141.5183, 199.9658

■ 2.2042, 1.7708,
5.1885

178.3605,
176.6845, 245.2382

■ 0.7449, 0.4689,
2.2976

218.4325,

■ 0.0000, 0.0000,

217.2412, 296.8748

0.7299

264.0975,
263.5730, 355.2941

■ 0.0000, 0.0000,
0.0000

■ 34.9180, 33.0920,
54.4162

■ 34.9180, 33.0920,
54.4162

■ 29.3474, 26.0393,
53.3490

■ 41.3369, 41.3288,
55.6683

■ 24.5855, 20.1117,
52.4559

■ 48.6349, 50.7970,
57.1112

■ 20.5945, 15.2510,
51.7280

■ 56.8452, 61.5462,
58.7532

■ 17.3319, 11.3925,
51.1552

■ 65.9985, 73.6220,
60.6017

■ 14.7510, 8.4638,
50.7259

■ 76.1236, 87.0680,
62.6634

■ 12.7994, 6.3828,
50.4271

■ 83.9064, 95.2413,
63.8308

■ 11.4158, 5.0523,
50.2432

■ 86.5145, 96.5858,
63.9528

■ 10.6283, 4.3800,
50.1550

Harmonies

Analogous

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



31.5700, 33.0920, 57.9886



34.9180, 33.0920, 54.4162



37.4783, 33.0920, 45.8021

Triad

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



34.9180, 33.0920, 54.4162



34.7014, 33.0920, 22.0960



25.4011, 33.0920, 36.3673

Complementary

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



34.9180, 33.0920, 54.4162



43.6470, 49.8471, 36.1766

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.



26.1107, 33.0920, 27.7598



34.9180, 33.0920, 54.4162



31.3362, 33.0920, 20.4620

Square

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



34.9180, 33.0920, 54.4162



37.3471, 33.0920, 27.2755



28.2251, 33.0920, 22.3384



26.2141, 33.0920, 46.4857

Rectangle

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



34.9180, 33.0920, 54.4162



38.3076, 33.0920, 39.0067



28.2251, 33.0920, 22.3384



25.4690, 33.0920, 33.2117

Sweetspot

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



34.9190, 33.0934, 54.4169



80.9932, 82.7694, 102.0676



38.8621, 43.8286, 56.2812



17.2050, 17.5354, 21.8632



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.



34.9190, 33.0934, 54.4169



58.4982, 53.8967, 97.6802



39.4310, 35.4193, 54.6281



9.7478, 9.8612, 12.6745



7.2107, 2.9777, 33.7513



0.3754, 0.1616, 1.4613

Inverse Universe

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



41.0890, 36.3978, 49.1169



71.6353, 60.9378, 86.1534



39.0939, 47.4999, 35.9635



10.3914, 10.2052, 12.1518



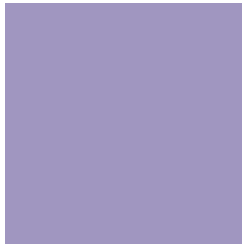
18.1653, 8.9559, 19.3144



0.8103, 0.3971, 0.9683

Previews

White Background



This preview shows how the XYZ color 34.9180, 33.0920, 54.4162 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 34.9180, 33.0920, 54.4162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

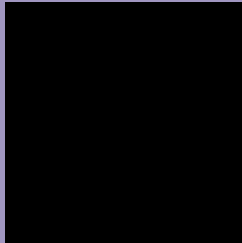
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9180, 33.0920, 54.4162

Background



This preview shows how black text looks on a background with the XYZ color 34.9180, 33.0920, 54.4162.



This preview shows how white text looks on a background with the XYZ color 34.9180, 33.0920,

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

34.9180, 33.0920, 54.4162

Protanopia

33.2600, 33.1623, 56.2777

Deuteranopia

33.8795, 33.0345, 54.4598



Tritanopia

32.4067, 33.3006, 41.2789

Trichromacy



Original Color

34.9180, 33.0920, 54.4162

Protanomaly

33.8913, 33.2568, 55.6719

Deuteranomaly

34.2913, 33.0069, 54.4328

Tritanomaly

33.1323, 33.0852, 45.7141

Monochromacy



Original Color

34.9180, 33.0920, 54.4162

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2751, 33.7159, 42.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9180, 33.0920, 54.4162 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(160, 150, 192)` looks like.

```
.text, #text, p{  
    color:rgb(160, 150, 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(160, 150, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 150, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.9180, 33.0920, 54.4162 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(160, 150, 192) }
```


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

```
.border{ border-color:rgb(160, 150, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 150, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 150, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 150, 192);  
box-shadow:4px 4px 4px 4px rgb(160, 150,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9180, 33.0920, 54.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 150, 192) }
```

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

```
.background{ background-color: rgb(160,  
150, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor