

Converting Colors

XYZ(34.7271, 35.1389, 51.3391)

Have a look what the booklet for
XYZ(34.7271, 35.1389, 51.3391)
contains.

XYZ(34.6074, 34.9675, 51.3798)	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(34.6074, 34.9675,
51.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9EBA
RGB	155, 158, 186
RGB Percent	61%, 62%, 73%
CMY	0.3921, 0.3804, 0.2706
CMYK	0.17, 0.15, 0.00, 0.27
HSL	234°, 18%, 67%
HSV	234°, 17%, 73%
XYZ	34.6074, 34.9675, 51.3798
YIQ	160.2950, -10.7760, 8.0720

Conversions

Conversions Part 2

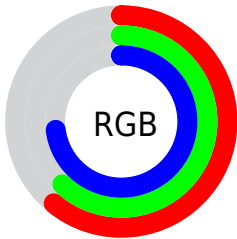
Format	Color
R _Y B	155, 158, 186
Decimal	10198714
CIE Lab	65.72, 4.78, -14.80
CIE LCh	66, 15.557, 287.899
Yxy	34.9675, 0.2861, 0.2891
Android (android.graphics.Color)	4288388794 (0xFF9B9EBA)
YUV	160.2950, 12.6726, -4.6437
Hunter-Lab	59.1333, 0.9827, -10.1226

Details

The XYZ color **34.6074, 34.9675, 51.3798** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.0999, 46.6726, 37.7483**, and the grayscale version is **33.4975, 35.2420, 38.3785**.

A 20% lighter version of the original color is **66.3996, 67.7009, 93.5724**, and **15.0849, 15.0924, 24.3084** is the 20% darker color. If you saturate the color by 10%, you get **28.6369, 27.9233, 50.3354**, and if you desaturate by 10%, it is **41.5217, 43.0814, 52.5821**.

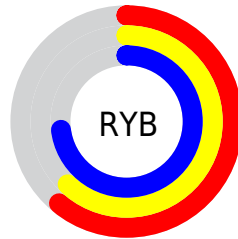
Distribution



Red (61%)

Green (62%)

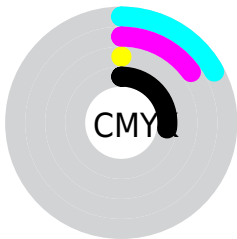
Blue (73%)



Red (61%)

Yellow (62%)

Blue (73%)

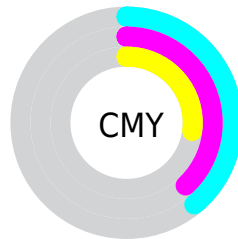


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6074, 34.9675, 51.3798 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 34.6074, 34.9675, 51.3798 by changing the saturation by 10% instead.

■ 34.6074, 34.9675,
51.3798

■ 34.6074, 34.9675,
51.3798

314.3705,
324.4249, 408.9262

■ 23.5257, 23.6378,
36.1321

■ 66.2152, 67.4354,
93.6332

■ 15.1050, 15.0652,
24.2458

■ 87.4719, 89.3425,
121.4760

■ 8.9799, 8.8651,
15.3021

112.8511,
115.5441, 154.3542

■ 4.7851, 4.6533,
8.8827

142.7180,
146.4247, 192.6865

■ 2.1552, 2.0453,
4.5690

177.4381,
182.3687, 236.8912

■ 0.7190, 0.6336,
1.9424

217.3766,

■ 0.0000, 0.0000,

223.7605, 287.3871

0.5195

262.8989,
270.9844, 344.5926

■ 0.0000, 0.0000,
0.0000

■ 34.6074, 34.9675,
51.3798

■ 34.6074, 34.9675,
51.3798

■ 28.6369, 27.9233,
50.3354

■ 41.5217, 43.0814,
52.5821

■ 23.5659, 21.9001,
49.4400

■ 49.4148, 52.3027,
53.9460

■ 19.3518, 16.8516,
48.6877

■ 58.3241, 62.6723,
55.4779

■ 15.9470, 12.7263,
48.0709

■ 68.2840, 74.2280,
57.1835

■ 13.2991, 9.4681,
47.5816

■ 79.3271, 87.0057,
59.0678

■ 11.3497, 7.0145,
47.2107

■ 85.8630, 96.3252,
60.5221

■ 10.0318, 5.2948,
46.9482

■ 9.2593, 4.2226,
46.7820

■ 9.0795, 3.9782,
46.7443

Harmonies

Analogous

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



32.3209, 34.9675, 51.7840



34.6074, 34.9675, 51.3798



36.6111, 34.9675, 47.1702

Triad

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



34.6074, 34.9675, 51.3798



36.2762, 34.9675, 29.4621



29.1131, 34.9675, 35.4906

Complementary

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



34.6074, 34.9675, 51.3798



43.0999, 46.6726, 37.7483

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.



30.0742, 34.9675, 30.2289



34.6074, 34.9675, 51.3798



34.1673, 34.9675, 27.0258

Square

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



34.6074, 34.9675, 51.3798



37.6046, 34.9675, 34.3277



31.9005, 34.9675, 27.2894



29.2188, 34.9675, 42.0827

Rectangle

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



34.6074, 34.9675, 51.3798



37.4848, 34.9675, 43.0184



31.9005, 34.9675, 27.2894



29.3202, 34.9675, 33.5231

Sweetspot

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



34.6085, 34.9689, 51.3806



77.4047, 80.5973, 95.6786



39.6140, 45.5018, 51.4407



16.8339, 17.5009, 21.0333



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.6085, 34.9689, 51.3806



58.5680, 58.4819, 92.4027



36.6060, 35.2479, 51.3291



8.5892, 8.8557, 11.3360



6.1344, 2.7285, 31.4564



0.2397, 0.1430, 1.1167

Inverse Universe

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



38.1435, 36.3513, 37.3555



66.2010, 61.5161, 62.1084



40.8426, 46.4378, 37.8220



9.0390, 9.0260, 9.5528



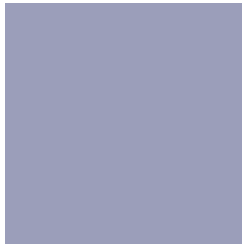
13.7100, 7.0578, 1.0939



0.4951, 0.2535, 0.1008

Previews

White Background



This preview shows how the XYZ color 34.6074, 34.9675, 51.3798 looks on a white background.

Color Contrast Check

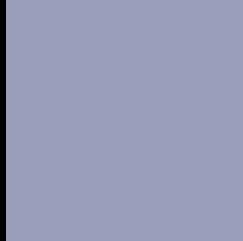
Large Text (above 18pt) WCAG AA × Fail

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 34.6074, 34.9675, 51.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

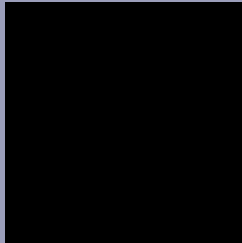
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6074, 34.9675, 51.3798

Background



This preview shows how black text looks on a background with the XYZ color 34.6074, 34.9675, 51.3798.



This preview shows how white text looks on a background with the XYZ color 34.6074, 34.9675,

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

34.6074, 34.9675, 51.3798

Protanopia

34.4162, 34.8689, 51.3708

Deuteranopia

35.6517, 35.0035, 51.3317



Tritanopia

33.2505, 34.9310, 44.5250

Trichromacy



Original Color

34.6074, 34.9675, 51.3798

Protanomaly

34.4162, 34.8689, 51.3708

Deuteranomaly

35.2180, 35.0300, 51.3597

Tritanomaly

33.7604, 34.8807, 47.0728

Monochromacy



Original Color

34.6074, 34.9675, 51.3798

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6601, 34.9299, 42.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6074, 34.9675, 51.3798 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, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 186)  
}
```

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, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 186) }
```

Border

The CSS property to change the border of an element to XYZ 34.6074, 34.9675, 51.3798 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, 158, 186) }
```


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

```
.border{ border-color:rgb(155, 158, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 186);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6074, 34.9675, 51.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 186) }
```

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

```
.background{ background-color: rgb(155,  
158, 186) }
```

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