

Converting Colors

XYZ(34.1018, 33.9564, 51.2113)

Have a look what the booklet for
XYZ(34.1018, 33.9564, 51.2113)
contains.

XYZ(34.1018, 33.9564, 51.2113)	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(34.1018, 33.9564,
51.2113)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9BBA
RGB	155, 155, 186
RGB Percent	61%, 61%, 73%
CMY	0.3922, 0.3921, 0.2706
CMYK	0.17, 0.17, 0.00, 0.27
HSL	240°, 18%, 67%
HSV	240°, 17%, 73%
XYZ	34.1018, 33.9564, 51.2113
YIQ	158.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

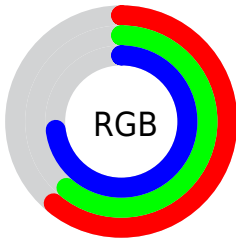
Format	Color
RYB	155, 155, 186
Decimal	10197946
CIELab	64.93, 6.46, -16.01
CIELCh	65, 17.261, 291.988
Yxy	33.9564, 0.2859, 0.2847
Android (android.graphics.Color)	4288388026 (0xFF9B9BBA)
YUV	158.5340, 13.5407, -3.0993
Hunter-Lab	58.2721, 2.4849, -11.3154

Details

The XYZ color **34.1018, 33.9564, 51.2113** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7252, 47.9233, 37.9566**, and the grayscale version is **32.6864, 34.3886, 37.4492**.

A 20% lighter version of the original color is **65.4058, 65.7134, 93.2411**, and **14.7775, 14.4776, 24.2059** is the 20% darker color. If you saturate the color by 10%, you get **27.9430, 26.5356, 50.1041**, and if you desaturate by 10%, it is **41.2894, 42.6169, 52.5047**.

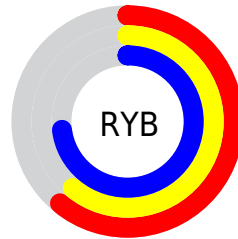
Distribution



Red (61%)

Green (61%)

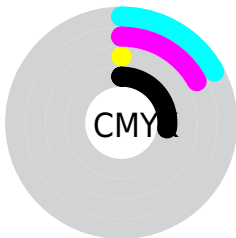
Blue (73%)



Red (61%)

Yellow (61%)

Blue (73%)

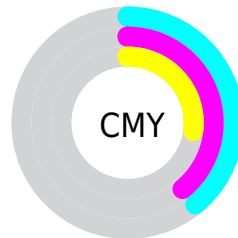


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1018, 33.9564, 51.2113 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 34.1018, 33.9564, 51.2113 by changing the saturation by 10% instead.

■ 34.1018, 33.9564,
51.2113

■ 34.1018, 33.9564,
51.2113

312.1637,
319.9376, 408.2541

■ 23.1351, 22.8601,
35.9989

■ 65.4352, 65.8659,
93.3817

■ 14.8145, 14.4902,
24.1437

■ 86.5326, 87.4478,
121.1768

■ 8.7748, 8.4624,
15.2270

111.7375,
113.2938, 154.0033

■ 4.6505, 4.3922,
8.8305

141.4154,
143.7882, 192.2796

■ 2.0763, 1.8953,
4.5355

175.9316,
179.3153, 236.4243

■ 0.6763, 0.5456,
1.9235

215.6515,

■ 0.0000, 0.0000,

220.2597, 286.8559

0.5076

260.9404,
267.0057, 343.9930

■ 0.0000, 0.0000,
0.0000

■ 34.1018, 33.9564,
51.2113

■ 34.1018, 33.9564,
51.2113

■ 27.9430, 26.5356,
50.1041

■ 41.2894, 42.6169,
52.5047

■ 22.7629, 20.2940,
49.1724

■ 49.5463, 52.5658,
53.9898

■ 18.5121, 15.1721,
48.4078

■ 58.9150, 63.8543,
55.6749

■ 15.1357, 11.1037,
47.8005

■ 69.4345, 76.5293,
57.5670

■ 12.5728, 8.0156,
47.3395

■ 81.1421, 90.6358,
59.6728

■ 10.7550, 5.8252,
47.0125

■ 85.8630, 96.3252,
60.5221

■ 9.6026, 4.4366,
46.8052

■ 9.0081, 3.7201,
46.6982

■ 8.8632, 3.5455,
46.6722

Harmonies

Analogous

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



31.6113, 33.9564, 52.2925



34.1018, 33.9564, 51.2113



36.1984, 33.9564, 46.0828

Triad

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



34.1018, 33.9564, 51.2113



35.3159, 33.9564, 27.1815



27.7589, 33.9564, 35.0930

Complementary

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



34.1018, 33.9564, 51.2113



43.7252, 47.9233, 37.9566

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.



28.6450, 33.9564, 29.1501



34.1018, 33.9564, 51.2113



32.9470, 33.9564, 24.9819

Square

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



34.1018, 33.9564, 51.2113



36.9241, 33.9564, 32.0696



30.5137, 33.9564, 25.6531



28.0327, 33.9564, 42.3517

Rectangle

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



34.1018, 33.9564, 51.2113



37.0486, 33.9564, 41.3800



30.5137, 33.9564, 25.6531



27.9293, 33.9564, 32.8901

Sweetspot

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



34.1028, 33.9578, 51.2121



77.0772, 79.9422, 95.5694



39.8852, 45.6103, 52.8690



16.7525, 17.3381, 21.0062



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.



34.1028, 33.9578, 51.2121



57.5094, 56.3647, 92.0498



37.1589, 35.5328, 51.3550



8.5212, 8.7196, 11.3134



5.9628, 2.3853, 31.3992



0.2102, 0.0841, 1.1069

Inverse Universe

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



37.8883, 36.2491, 36.0118



65.6666, 61.3023, 59.2945



40.2742, 46.1448, 37.7952



9.0047, 9.0122, 9.3720



13.6234, 7.0231, 0.6378



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 34.1018, 33.9564, 51.2113 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 34.1018, 33.9564, 51.2113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

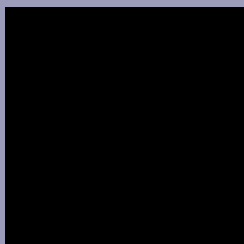
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1018, 33.9564, 51.2113

Background



This preview shows how black text looks on a background with the XYZ color 34.1018, 33.9564, 51.2113.



This preview shows how white text looks on a background with the XYZ color 34.1018, 33.9564,

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

34.1018, 33.9564, 51.2113

Protanopia

33.6206, 33.9441, 51.7936

Deuteranopia

34.7166, 34.0273, 51.1925



Tritanopia

32.4315, 34.0314, 42.8896

Trichromacy



Original Color

34.1018, 33.9564, 51.2113

Protanomaly

33.8070, 34.0402, 51.8023

Deuteranomaly

34.5191, 33.9255, 51.1833

Tritanomaly

33.0303, 34.0208, 45.9001

Monochromacy



Original Color

34.1018, 33.9564, 51.2113

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4888, 34.5874, 42.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1018, 33.9564, 51.2113 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, 155, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 155, 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, 155, 186) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 34.1018, 33.9564, 51.2113 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, 155, 186) }
```


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

```
.border{ border-color:rgb(155, 155, 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, 155, 186)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 34.1018, 33.9564, 51.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(155,  
155, 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