

Converting Colors

XYZ(35.2834, 36.1280, 51.1158)

Have a look what the booklet for
XYZ(35.2834, 36.1280, 51.1158)
contains.

| | |
|--|----|
| XYZ(35.2121, 36.0604, 51.0034) | 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(35.2121, 36.0604,
51.0034)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9CA1B9 |
| RGB | 156, 161, 185 |
| RGB Percent | 61%, 63%, 73% |
| CMY | 0.3882, 0.3686, 0.2745 |
| CMYK | 0.16, 0.13, 0.00, 0.27 |
| HSL | 230°, 17%, 67% |
| HSV | 230°, 16%, 73% |
| XYZ | 35.2121, 36.0604, 51.0034 |
| YIQ | 162.2410, -10.6840, 6.4040 |

Conversions

Conversions Part 2

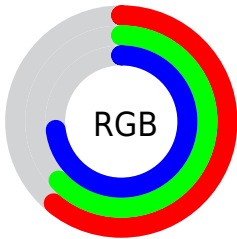
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 156, 160, 185 |
| Decimal | 10265017 |
| CIE Lab | 66.57, 3.22, -12.97 |
| CIE LCh | 67, 13.363, 283.928 |
| Yxy | 36.0604, 0.2880, 0.2949 |
| Android (android.graphics.Color) | 4288455097 (0xFF9CA1B9) |
| YUV | 162.2410, 11.2202, -5.4734 |
| Hunter-Lab | 60.0503, -0.4198, -8.3224 |

Details

The XYZ color **35.2121, 36.0604, 51.0034** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3298, 45.3570, 37.9770**, and the grayscale version is **34.4091, 36.2010, 39.4229**.

A 20% lighter version of the original color is **67.2970, 69.3115, 93.0506**, and **15.4497, 15.7609, 24.0577** is the 20% darker color. If you saturate the color by 10%, you get **29.3878, 29.3273, 50.0113**, and if you desaturate by 10%, it is **41.9114, 43.7327, 52.1318**.

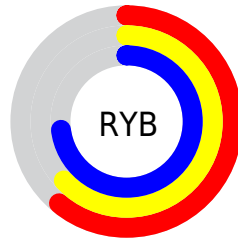
Distribution



Red (61%)

Green (63%)

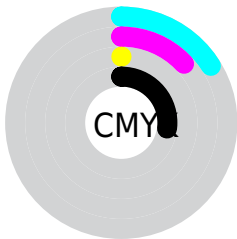
Blue (73%)



Red (61%)

Yellow (63%)

Blue (73%)

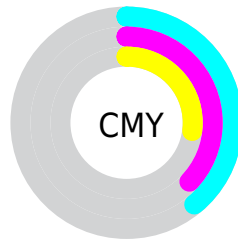


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2121, 36.0604, 51.0034 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 35.2121, 36.0604, 51.0034 by changing the saturation by 10% instead.

■ 35.2121, 36.0604,
51.0034

■ 35.2121, 36.0604,
51.0034

316.9952,
329.2245, 407.4239

■ 23.9936, 24.4808,
35.8346

■ 67.1461, 69.1253,
93.0714

■ 15.4536, 15.6907,
24.0178

■ 88.5922, 91.3794,
120.8076

■ 9.2267, 9.3055,
15.1345

114.1783,
117.9605, 153.5700

■ 4.9476, 4.9410,
8.7662

144.2697,
149.2530, 191.7771

■ 2.2510, 2.2127,
4.4942

179.2317,
185.6412, 235.8475

■ 0.7694, 0.7269,
1.9002

219.4297,

■ 0.0000, 0.0000,

227.5096, 286.1998

0.4929

265.2291,
275.2426, 343.2524

■ 0.0000, 0.0000,
0.0000

■ 35.2121, 36.0604,
51.0034

■ 35.2121, 36.0604,
51.0034

■ 29.3878, 29.3273,
50.0113

■ 41.9114, 43.7327,
52.1318

■ 24.3990, 23.4928,
49.1481

■ 49.5166, 52.3740,
53.3989

■ 20.2076, 18.5196,
48.4091

■ 58.0613, 62.0183,
54.8101

■ 16.7717, 14.3664,
47.7885

■ 67.5761, 72.6966,
56.3697

■ 14.0451, 10.9880,
47.2802

■ 78.0904, 84.4384,
58.0819

■ 11.9765, 8.3352,
46.8771

■ 85.0778, 94.9243,
59.7377

■ 10.5077, 6.3525,
46.5718

■ 85.7571, 96.2828,
59.9641

■ 9.5674, 4.9748,
46.3555

■ 9.2711, 4.5309,
46.2854

Harmonies

Analogous

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



33.2165, 36.0604, 50.8761



35.2121, 36.0604, 51.0034



37.0232, 36.0604, 47.7778

Triad

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



35.2121, 36.0604, 51.0034



37.1309, 36.0604, 32.0813



30.6966, 36.0604, 36.2814

Complementary

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



35.2121, 36.0604, 51.0034



42.3298, 45.3570, 37.9770

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.



31.6650, 36.0604, 31.8263



35.2121, 36.0604, 51.0034



35.3543, 36.0604, 29.5681

Square

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



35.2121, 36.0604, 51.0034



38.1599, 36.0604, 36.6618



33.3534, 36.0604, 29.4796



30.6619, 36.0604, 41.9858

Rectangle

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



35.2121, 36.0604, 51.0034



37.8606, 36.0604, 44.3265



33.3534, 36.0604, 29.4796



30.9220, 36.0604, 34.6017

Sweetspot

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



35.2132, 36.0619, 51.0042



75.8244, 79.1933, 93.4941



39.2659, 45.0489, 49.6375



16.1533, 16.8525, 20.1231



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.2132, 36.0619, 51.0042



59.0955, 60.0104, 90.6731



36.2014, 35.2995, 50.8050



8.6430, 8.9632, 11.3540



6.3507, 3.1611, 31.5285



0.2627, 0.1891, 1.1244

Inverse Universe

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



38.3299, 36.6653, 38.7767



65.8223, 61.3911, 64.2651



41.2134, 46.3076, 38.2194



9.0662, 9.0368, 9.6958



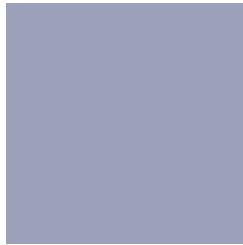
13.8192, 7.1014, 1.6689



0.5068, 0.2582, 0.1621

Previews

White Background



This preview shows how the XYZ color 35.2121, 36.0604, 51.0034 looks on a white background.

Color Contrast Check

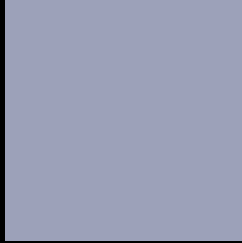
Large Text (above 18pt) WCAG AA × Fail

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 35.2121, 36.0604, 51.0034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

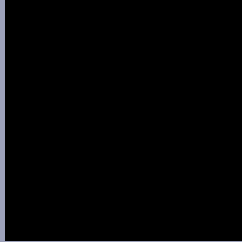
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2121, 36.0604, 51.0034

Background



This preview shows how black text looks on a background with the XYZ color 35.2121, 36.0604, 51.0034.



This preview shows how white text looks on a background with the XYZ color 35.2121, 36.0604,

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

35.2121, 36.0604, 51.0034

Protanopia

35.6024, 36.2616, 51.0217

Deuteranopia

36.8157, 36.1059, 51.4831



Tritanopia

34.1615, 36.1596, 45.7364

Trichromacy



Original Color

35.2121, 36.0604, 51.0034

Protanomaly

35.4065, 36.1606, 51.0125

Deuteranomaly

36.1614, 36.0228, 51.5016

Tritanomaly

34.5746, 36.0639, 47.7866

Monochromacy



Original Color

35.2121, 36.0604, 51.0034

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6732, 36.2165, 43.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2121, 36.0604, 51.0034 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(156, 161, 185)` looks like.

```
.text, #text, p{  
    color:rgb(156, 161, 185)  
}
```

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(156, 161, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 161, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.2121, 36.0604, 51.0034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

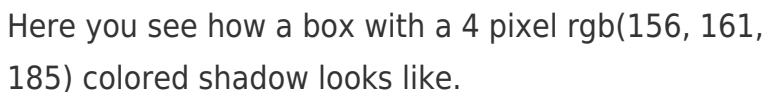
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 161, 185) }
```


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

```
.border{ border-color:rgb(156, 161, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 161, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 161, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 161, 185); box-shadow:4px 4px 4px 4px rgb(156, 161, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2121, 36.0604, 51.0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 161, 185) }
```

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

```
.background{ background-color: rgb(156,  
161, 185) }
```

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