

Converting Colors

XYZ(35.7271, 35.7450, 50.4503)

Have a look what the booklet for
XYZ(35.7271, 35.7450, 50.4503)
contains.

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Color

**XYZ(35.7478, 35.8340,
50.3799)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A19FB8 |
| RGB | 161, 159, 184 |
| RGB Percent | 63%, 62%, 72% |
| CMY | 0.3686, 0.3765, 0.2784 |
| CMYK | 0.12, 0.14, 0.00, 0.28 |
| HSL | 245°, 15%, 67% |
| HSV | 245°, 14%, 72% |
| XYZ | 35.7478, 35.8340, 50.3799 |
| YIQ | 162.4480, -6.8330, 8.1990 |

Conversions

Conversions Part 2

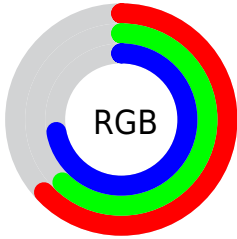
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 161, 159, 184 |
| Decimal | 10592184 |
| CIELab | 66.39, 5.77, -12.63 |
| CIELCh | 66, 13.891, 294.566 |
| Yxy | 35.8340, 0.2931, 0.2938 |
| Android (android.graphics.Color) | 4288782264 (0xFFA19FB8) |
| YUV | 162.4480, 10.6251, -1.2699 |
| Hunter-Lab | 59.8615, 1.8381, -7.9959 |

Details

The XYZ color **35.7478, 35.8340, 50.3799** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6911, 46.7301, 39.5723**, and the grayscale version is **34.5076, 36.3047, 39.5358**.

A 20% lighter version of the original color is **68.0936, 68.9833, 92.1643**, and **15.7660, 15.6150, 23.6558** is the 20% darker color. If you saturate the color by 10%, you get **29.6326, 28.3296, 49.2543**, and if you desaturate by 10%, it is **42.7981, 44.5216, 51.6857**.

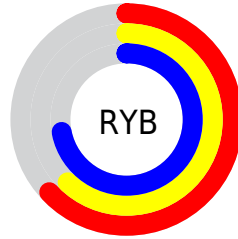
Distribution



Red (63%)

Green (62%)

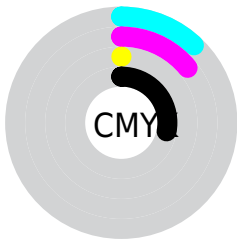
Blue (72%)



Red (63%)

Yellow (62%)

Blue (72%)

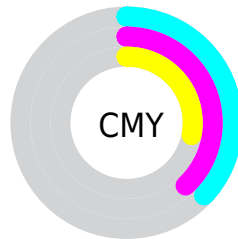


Cyan (12%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (37%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7478, 35.8340, 50.3799 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 35.7478, 35.8340, 50.3799 by changing the saturation by 10% instead.

■ 35.7478, 35.8340,
50.3799

■ 35.7478, 35.8340,
50.3799

319.3074,
328.2344, 404.9273

■ 24.4087, 24.3060,
35.3421

■ 67.9690, 68.7758,
92.1396

■ 15.7634, 15.5608,
23.6408

■ 89.5819, 90.9584,
119.6985

■ 9.4467, 9.2139,
14.8577

115.3500,
117.4613, 152.2682

■ 5.0931, 4.8810,
8.5740

145.6388,
148.6689, 190.2672

■ 2.3373, 2.1776,
4.3714

180.8135,
184.9656, 234.1141

■ 0.8137, 0.7077,
1.8312

221.2397,

■ 0.0000, 0.0000,

226.7358, 284.2274

0.4484

267.2825,
274.3640, 341.0256

■ 0.0000, 0.0000,
0.0000

■ 35.7478, 35.8340,
50.3799

■ 35.7478, 35.8340,
50.3799

■ 29.6326, 28.3296,
49.2543

■ 42.7981, 44.5216,
51.6857

■ 24.4101, 21.9528,
48.2987

■ 50.8171, 54.4356,
53.1767

■ 20.0394, 16.6505,
47.5056

■ 59.8408, 65.6229,
54.8605

■ 16.4752, 12.3634,
46.8660

■ 69.9022, 78.1264,
56.7436

■ 13.6680, 9.0265,
46.3698

■ 81.0330, 91.9869,
58.8323

■ 11.5626, 6.5672,
46.0061

■ 85.6518, 96.2407,
59.4099

■ 10.0965, 4.9024,
45.7620

■ 9.1960, 3.9329,
45.6224

■ 8.8441, 3.5599,
45.5689

Harmonies

Analogous

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



33.6821, 35.8340, 51.5564



35.7478, 35.8340, 50.3799



37.4203, 35.8340, 46.0362

Triad

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



35.7478, 35.8340, 50.3799



36.4291, 35.8340, 30.4147



30.2335, 35.8340, 37.9432

Complementary

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



35.7478, 35.8340, 50.3799



42.6911, 46.7301, 39.5723

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.



30.9056, 35.8340, 32.7504



35.7478, 35.8340, 50.3799



34.4390, 35.8340, 28.6961

Square

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



35.7478, 35.8340, 50.3799



37.8247, 35.8340, 34.4496



32.4245, 35.8340, 29.5059



30.5522, 35.8340, 43.9716

Rectangle

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



35.7478, 35.8340, 50.3799



38.0586, 35.8340, 42.1431



32.4245, 35.8340, 29.5059



30.3502, 35.8340, 36.0497

Sweetspot

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



35.7489, 35.8355, 50.3807



76.9274, 79.8981, 93.5720



39.7471, 44.4251, 51.8279



16.3656, 16.9549, 20.1317



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.



35.7489, 35.8355, 50.3807



61.6669, 61.1051, 90.7489



38.3215, 37.1617, 50.5011



8.5859, 8.7529, 11.3164



6.1205, 2.4664, 31.4066



0.2383, 0.0985, 1.1082

Inverse Universe

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



40.6099, 38.3655, 49.5224



72.0340, 66.5016, 88.8804



39.9411, 45.3125, 39.4436



9.3491, 9.1500, 11.1859



18.5901, 9.0098, 26.7920



0.6646, 0.3213, 0.9930

Previews

White Background



This preview shows how the XYZ color 35.7478, 35.8340, 50.3799 looks on a white background.

Color Contrast Check

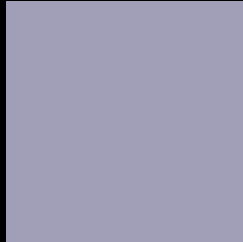
Large Text (above 18pt) WCAG AA × Fail

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 35.7478, 35.8340, 50.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

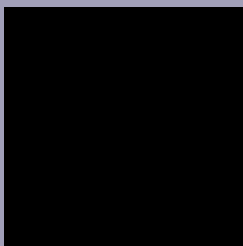
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7478, 35.8340, 50.3799

Background



This preview shows how black text looks on a background with the XYZ color 35.7478, 35.8340, 50.3799.



This preview shows how white text looks on a background with the XYZ color 35.7478, 35.8340,

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

35.7478, 35.8340, 50.3799

Protanopia

35.2324, 35.8125, 50.9545

Deuteranopia

36.4346, 35.6816, 50.3143



Tritanopia

34.5858, 35.8778, 44.6374

Trichromacy



Original Color

35.7478, 35.8340, 50.3799

Protanomaly

35.4283, 35.9135, 50.9637

Deuteranomaly

36.1884, 35.8069, 50.3515

Tritanomaly

35.0038, 35.7895, 46.6581

Monochromacy



Original Color

35.7478, 35.8340, 50.3799

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9009, 36.0734, 43.1536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7478, 35.8340, 50.3799 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(161, 159, 184)` looks like.

```
.text, #text, p{  
    color:rgb(161, 159, 184)  
}
```

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(161, 159, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 159, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.7478, 35.8340, 50.3799 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(161, 159, 184) }
```


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

```
.border{ border-color:rgb(161, 159, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 159, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 159, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 159, 184); box-shadow:4px 4px 4px 4px rgb(161, 159, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7478, 35.8340, 50.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 159, 184) }
```

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

```
.background{ background-color: rgb(161,  
159, 184) }
```

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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