

Converting Colors

XYZ(35.3869, 37.4773, 38.2243)

Have a look what the booklet for
XYZ(35.3869, 37.4773, 38.2243)
contains.

XYZ(35.4390, 37.5205, 38.1752)	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(35.4390, 37.5205,
38.1752)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A59F
RGB	166, 165, 159
RGB Percent	65%, 65%, 62%
CMY	0.3490, 0.3529, 0.3765
CMYK	0.00, 0.01, 0.04, 0.35
HSL	51°, 4%, 64%
HSV	51°, 4%, 65%
XYZ	35.4390, 37.5205, 38.1752
YIQ	164.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

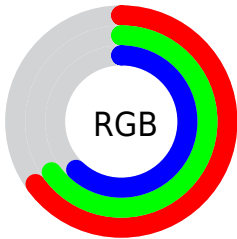
Format	Color
RYB	160, 166, 159
Decimal	10921375
CIELab	67.67, -0.75, 3.22
CIELCh	68, 3.311, 103.158
Yxy	37.5205, 0.3189, 0.3376
Android (android.graphics.Color)	4289111455 (0xFFA6A59F)
YUV	164.6150, -2.7682, 1.2146
Hunter-Lab	61.2540, -3.9218, 5.9266

Details

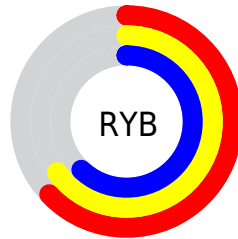
The XYZ color **35.4390, 37.5205, 38.1752** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7517, 35.2650, 41.1047**, and the grayscale version is **35.5927, 37.4463, 40.7790**.

A 20% lighter version of the original color is **67.5496, 71.4136, 73.8423**, and **15.5513, 16.4704, 16.5468** is the 20% darker color. If you saturate the color by 10%, you get **33.6723, 36.1393, 30.9502**, and if you desaturate by 10%, it is **37.4092, 38.9981, 46.4234**.

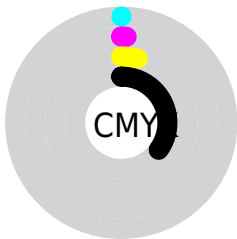
Distribution



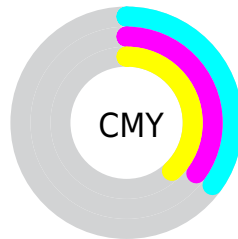
- Red (65%)
- Green (65%)
- Blue (62%)



- Red (63%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4390, 37.5205, 38.1752 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 35.4390, 37.5205, 38.1752 by changing the saturation by 10% instead.

■ 35.4390, 37.5205,
38.1752

■ 35.4390, 37.5205,
38.1752

317.9760,
335.5585, 353.6916

■ 24.1693, 25.6107,
25.8158

■ 67.4948, 71.3726,
73.5830

■ 15.5847, 16.5327,
16.4614

■ 89.0117, 94.0837,
97.4685

■ 9.3197, 9.9019,
9.6933

114.6751,
121.1641, 126.0331

■ 5.0091, 5.3339,
5.0932

144.8502,
152.9981, 159.6953

■ 2.2874, 2.4445,
2.2423

179.9025,
189.9702, 198.8738

■ 0.7882, 0.8486,
0.6986

220.1974,

■ 0.0000, 0.0000,

232.4647, 243.9869

0.0000

266.1001,
280.8660, 295.4534

■ 35.4390, 37.5205,
38.1752

■ 35.4390, 37.5205,
38.1752

■ 33.6723, 36.1393,
30.9502

■ 37.4092, 38.9981,
46.4234

■ 32.0982, 34.8465,
24.7057

■ 39.5870, 40.5702,
55.7306

■ 30.7096, 33.6403,
19.3994

■ 41.9804, 42.2413,
66.1335

■ 29.4976, 32.5172,
14.9852

■ 44.5959, 44.0141,
77.6667

■ 28.4528, 31.4733,
11.4129

■ 47.4398, 45.8910,
90.3631

■ 27.5645, 30.5042,
8.6275

■ 49.9328, 47.6405,
101.1715

■ 26.8211, 29.6053,
6.5671

■ 50.4111, 48.5972,
101.3310

■ 26.2090, 28.7711,
5.1611

■ 50.8976, 49.5702,
101.4932

■ 25.7121, 27.9950,
4.3241

■ 51.3923, 50.5595,
101.6580

Harmonies

Analogous

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



35.9474, 37.5205, 38.2200



35.4390, 37.5205, 38.1752



34.9945, 37.5205, 38.8357

Triad

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



35.4390, 37.5205, 38.1752



34.9504, 37.5205, 42.8078



36.6104, 37.5205, 41.6739

Complementary

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



35.4390, 37.5205, 38.1752



33.7517, 35.2650, 41.1047

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.



36.3382, 37.5205, 42.9399



35.4390, 37.5205, 38.1752



35.3783, 37.5205, 43.6052

Square

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



35.4390, 37.5205, 38.1752



34.7143, 37.5205, 41.4971



35.8862, 37.5205, 43.6541



36.6271, 37.5205, 40.2165

Rectangle

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



35.4390, 37.5205, 38.1752



34.7929, 37.5205, 39.5965



35.8862, 37.5205, 43.6541



36.5456, 37.5205, 42.1367

Sweetspot

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



35.4400, 37.5221, 38.1760



65.4223, 68.9365, 73.8670



34.4740, 35.4436, 38.3055



14.6448, 15.4301, 16.5487



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.4400, 37.5221, 38.1760



64.0242, 67.8719, 68.0630



35.1118, 37.6207, 38.2124



8.2109, 8.7104, 8.6649



19.7642, 21.4256, 3.0939



0.5049, 0.5694, 0.0833

Inverse Universe

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



33.7517, 35.2650, 41.1047



60.3445, 62.9526, 74.4459



34.0703, 35.1739, 41.0703



7.6945, 8.0200, 9.5608



5.6065, 2.6733, 28.1960



0.1614, 0.1150, 0.6943

Previews

White Background



This preview shows how the XYZ color 35.4390, 37.5205, 38.1752 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 35.4390, 37.5205, 38.1752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

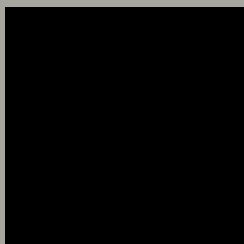
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4390, 37.5205, 38.1752

Background



This preview shows how black text looks on a background with the XYZ color 35.4390, 37.5205, 38.1752.



This preview shows how white text looks on a background with the XYZ color 35.4390, 37.5205,

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

35.4390, 37.5205, 38.1752

Protanopia

35.8092, 37.4546, 37.6899

Deuteranopia

38.0347, 37.2794, 38.4487



Tritanopia

36.9835, 37.6144, 45.8685

Trichromacy



Original Color

35.4390, 37.5205, 38.1752

Protanomaly

35.5955, 37.3444, 37.6799

Deuteranomaly

36.9945, 37.2579, 38.4994

Tritanomaly

36.3732, 37.6310, 42.8825

Monochromacy



Original Color

35.4390, 37.5205, 38.1752

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5830, 37.5539, 40.0235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4390, 37.5205, 38.1752 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(166, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 159)  
}
```

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(166, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.4390, 37.5205, 38.1752 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(166, 165, 159) }
```


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

```
.border{ border-color:rgb(166, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4390, 37.5205, 38.1752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 159) }
```

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

```
.background{ background-color: rgb(166,  
165, 159) }
```

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