

Converting Colors

XYZ(34.9942, 38.0729, 39.7250)

Have a look what the booklet for
XYZ(34.9942, 38.0729, 39.7250)
contains.

XYZ(35.0214, 38.0875, 39.6882)	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(35.0214, 38.0875,
39.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A8A2
RGB	160, 168, 162
RGB Percent	63%, 66%, 64%
CMY	0.3725, 0.3412, 0.3647
CMYK	0.05, 0.00, 0.04, 0.34
HSL	135°, 4%, 64%
HSV	135°, 5%, 66%
XYZ	35.0214, 38.0875, 39.6882
YIQ	164.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

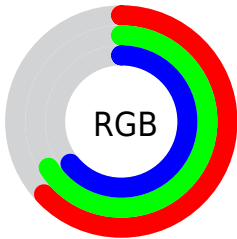
Format	Color
R _Y B	160, 166, 168
Decimal	10528930
CIE Lab	68.09, -3.98, 2.11
CIE LCh	68, 4.504, 152.097
Yxy	38.0875, 0.3105, 0.3377
Android (android.graphics.Color)	4288719010 (0xFFA0A8A2)
YUV	164.9240, -1.4415, -4.3183
Hunter-Lab	61.7151, -6.7081, 5.0719

Details

The XYZ color **35.0214, 38.0875, 39.6882** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6036, 36.2205, 41.1930**, and the grayscale version is **35.7363, 37.5974, 40.9435**.

A 20% lighter version of the original color is **66.9364, 72.2322, 76.0599**, and **15.3665, 16.8678, 17.1978** is the 20% darker color. If you saturate the color by 10%, you get **30.8226, 36.0470, 33.9347**, and if you desaturate by 10%, it is **39.7885, 40.4101, 46.0559**.

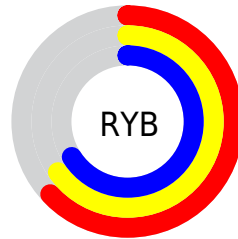
Distribution



Red (63%)

Green (66%)

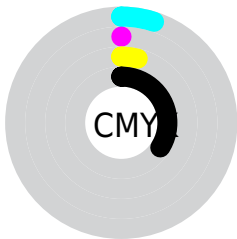
Blue (64%)



Red (63%)

Yellow (65%)

Blue (66%)

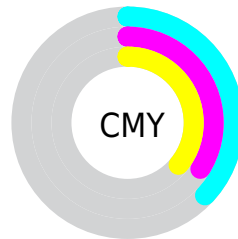


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (37%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0214, 38.0875, 39.6882 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 35.0214, 38.0875, 39.6882 by changing the saturation by 10% instead.

■ 35.0214, 38.0875,
39.6882

■ 35.0214, 38.0875,
39.6882

316.1691,
337.9952, 360.3206

■ 23.8460, 26.0506,
26.9836

■ 66.8527, 72.2422,
75.9204

■ 15.3435, 16.8615,
17.3286

■ 88.2393, 95.1289,
100.2850

■ 9.1487, 10.1358,
10.3046

113.7603,
122.4009, 129.3734

■ 4.8962, 5.4891,
5.4931

143.7811,
154.4426, 163.6041

■ 2.2206, 2.5370,
2.4757

178.6670,
191.6385, 203.3956

■ 0.7536, 0.8951,
0.8272

218.7834,

■ 0.0000, 0.0000,

234.3730, 249.1665

0.0000

264.4957,
283.0304, 301.3353

■ 35.0214, 38.0875,
39.6882

■ 35.0214, 38.0875,
39.6882

■ 30.8226, 36.0470,
33.9347

■ 39.7885, 40.4101,
46.0559

■ 27.1676, 34.2732,
28.7747

■ 45.1409, 43.0201,
53.0528

■ 24.0347, 32.7564,
24.1900

■ 51.0990, 45.9286,
60.6963

■ 21.3995, 31.4843,
20.1607

■ 57.6809, 49.1446,
69.0025

■ 19.2356, 30.4440,
16.6654

■ 64.9044, 52.6771,
77.9868

■ 17.5144, 29.6209,
13.6816

■ 70.6187, 55.4169,
87.5630

■ 16.2036, 28.9991,
11.1852

■ 72.5318, 56.1821,
97.6374

■ 15.2666, 28.5601,
9.1498

■ 73.2934, 56.4868,
101.6478

■ 14.6592, 28.2818,
7.5468

Harmonies

Analogous

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



35.4887, 38.0875, 38.2819



35.0214, 38.0875, 39.6882



34.8690, 38.0875, 41.6124

Triad

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



35.0214, 38.0875, 39.6882



36.2504, 38.0875, 45.4545



37.3564, 38.0875, 39.4508

Complementary

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



35.0214, 38.0875, 39.6882



35.6036, 36.2205, 41.1930

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.



37.5665, 38.0875, 41.3296



35.0214, 38.0875, 39.6882



36.9229, 38.0875, 44.8321

Square

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



35.0214, 38.0875, 39.6882



35.5731, 38.0875, 44.9812



37.4068, 38.0875, 43.3060



36.8363, 38.0875, 38.1480

Rectangle

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



35.0214, 38.0875, 39.6882



34.9649, 38.0875, 42.9418



37.4068, 38.0875, 43.3060



37.4659, 38.0875, 40.0338

Sweetspot

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



35.0225, 38.0891, 39.6890



66.6667, 70.6317, 76.2129



36.1032, 38.6666, 38.8187



14.5412, 15.3999, 16.6254



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.



35.0225, 38.0891, 39.6890



62.4649, 68.5867, 70.5478



35.3718, 38.2289, 41.5285



7.7832, 8.5699, 8.7815



10.9076, 21.2818, 5.2803



0.2852, 0.5257, 0.2329

Inverse Universe

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



35.6036, 36.2205, 41.1930



63.8054, 64.2761, 74.0171



35.2539, 36.0807, 39.3516



7.9614, 7.9970, 9.2425



15.0603, 7.4328, 15.6609



0.3851, 0.1883, 0.4793

Previews

White Background



This preview shows how the XYZ color 35.0214, 38.0875, 39.6882 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 35.0214, 38.0875, 39.6882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

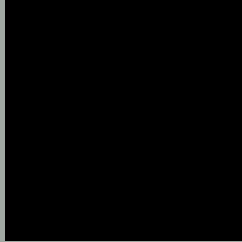
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

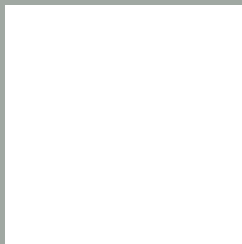
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0214, 38.0875, 39.6882

Background



This preview shows how black text looks on a background with the XYZ color 35.0214, 38.0875, 39.6882.



This preview shows how white text looks on a background with the XYZ color 35.0214, 38.0875,

39.6882.

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

35.0214, 38.0875, 39.6882

Protanopia

36.3779, 37.9944, 38.6740

Deuteranopia

38.8001, 37.8892, 40.3903



Tritanopia

36.6961, 37.9515, 48.0391

Trichromacy



Original Color

35.0214, 38.0875, 39.6882

Protanomaly

35.7951, 37.9526, 39.1572

Deuteranomaly

37.3872, 37.9527, 40.0054

Tritanomaly

36.0793, 37.9709, 44.9627

Monochromacy



Original Color

35.0214, 38.0875, 39.6882

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4413, 37.7393, 40.5384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0214, 38.0875, 39.6882 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(160, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(160, 168, 162)  
}
```

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(160, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.0214, 38.0875, 39.6882 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(160, 168, 162) }
```


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

```
.border{ border-color:rgb(160, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(160, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0214, 38.0875, 39.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 168, 162) }
```

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

```
.background{ background-color: rgb(160,  
168, 162) }
```

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