

Converting Colors

XYZ(35.2015, 38.7799, 39.5689)

Have a look what the booklet for
XYZ(35.2015, 38.7799, 39.5689)
contains.

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Color

**XYZ(35.1058, 38.6936,
39.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAAA1
RGB	159, 170, 161
RGB Percent	62%, 67%, 63%
CMY	0.3765, 0.3333, 0.3686
CMYK	0.06, 0.00, 0.05, 0.33
HSL	131°, 6%, 65%
HSV	131°, 6%, 67%
XYZ	35.1058, 38.6936, 39.3365
YIQ	165.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

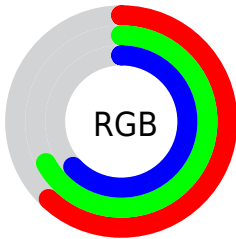
Format	Color
RYB	159, 168, 170
Decimal	10463905
CIELab	68.53, -5.60, 3.30
CIELCh	69, 6.502, 149.543
Yxy	38.6936, 0.3103, 0.3420
Android (android.graphics.Color)	4288653985 (0xFF9FAAA1)
YUV	165.6850, -2.3097, -5.8627
Hunter-Lab	62.2042, -8.1183, 6.0493

Details

The XYZ color **35.1058, 38.6936, 39.3365** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0450, 36.1704, 42.1295**, and the grayscale version is **36.1064, 37.9868, 41.3676**.

A 20% lighter version of the original color is **67.0514, 73.1044, 75.5423**, and **15.4772, 17.2708, 17.2697** is the 20% darker color. If you saturate the color by 10%, you get **30.8045, 36.6113, 33.0844**, and if you desaturate by 10%, it is **40.0094, 41.0729, 46.3309**.

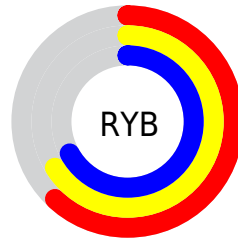
Distribution



Red (62%)

Green (67%)

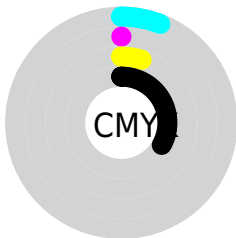
Blue (63%)



Red (62%)

Yellow (66%)

Blue (67%)

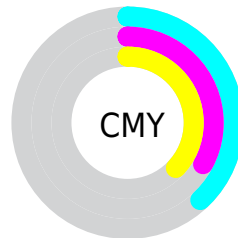


Cyan (6%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1058, 38.6936, 39.3365 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 35.1058, 38.6936, 39.3365 by changing the saturation by 10% instead.

■ 35.1058, 38.6936,
39.3365

■ 35.1058, 38.6936,
39.3365

316.5349,
340.5860, 358.7876

■ 23.9113, 26.5215,
26.7118

■ 66.9826, 73.1700,
75.3781

■ 15.3922, 17.2141,
17.1263

■ 88.3956, 96.2431,
99.6320

■ 9.1832, 10.3873,
10.1617

113.9454,
123.7185, 128.5994

■ 4.9189, 5.6565,
5.3993

143.9974,
155.9808, 162.6989

■ 2.2340, 2.6374,
2.4206

178.9171,
193.4143, 202.3489

■ 0.7606, 0.9455,
0.7976

219.0696,

■ 0.0000, 0.0000,

236.4034, 247.9680

0.0000

264.8204,
285.3325, 299.9747

■ 35.1058, 38.6936,
39.3365

■ 35.1058, 38.6936,
39.3365

■ 30.8045, 36.6113,
33.0844

■ 40.0094, 41.0729,
46.3309

■ 27.0791, 34.8094,
27.5476

■ 45.5342, 43.7550,
54.0881

■ 23.9059, 33.2775,
22.7015

■ 51.7019, 46.7519,
62.6311

■ 21.2582, 32.0025,
18.5188

■ 58.5326, 50.0734,
71.9814

■ 19.1073, 30.9699,
14.9706

■ 66.0452, 53.7288,
82.1591

■ 17.4215, 30.1643,
12.0258

■ 72.0148, 56.5707,
93.0792

■ 16.1654, 29.5680,
9.6508

■ 73.6655, 57.2310,
101.7718

■ 15.2985, 29.1610,
7.8085

■ 14.7661, 28.9159,
6.4570

Harmonies

Analogous

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



35.8148, 38.6936, 37.4128



35.1058, 38.6936, 39.3365



34.8431, 38.6936, 42.0858

Triad

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



35.1058, 38.6936, 39.3365



36.7614, 38.6936, 48.0249



38.5168, 38.6936, 39.4110

Complementary

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



35.1058, 38.6936, 39.3365



36.0450, 36.1704, 42.1295

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.



38.7814, 38.6936, 42.1758



35.1058, 38.6936, 39.3365



37.7565, 38.6936, 47.2295

Square

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



35.1058, 38.6936, 39.3365



35.7880, 38.6936, 47.1810



38.5006, 38.6936, 45.0543



37.7842, 38.6936, 37.4544

Rectangle

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



35.1058, 38.6936, 39.3365



34.9526, 38.6936, 44.0454



38.5006, 38.6936, 45.0543



38.6640, 38.6936, 40.2725

Sweetspot

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



35.1069, 38.6953, 39.3373



67.5033, 72.0514, 76.8299



36.8183, 39.5977, 38.5039



15.0755, 16.0784, 17.1648



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.1069, 38.6953, 39.3373



62.3139, 69.5358, 69.3796



35.5876, 38.8875, 41.8688



7.4904, 8.4292, 8.3025



10.7707, 21.2271, 4.5596



0.2776, 0.5227, 0.1927

Inverse Universe

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



36.0450, 36.1704, 42.1295



64.4321, 63.8348, 75.6838



35.5580, 35.9756, 39.5648



7.7825, 7.6429, 9.1720



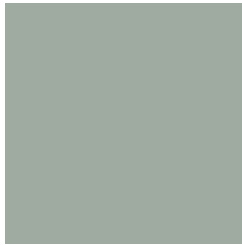
15.6467, 7.6674, 18.7490



0.3955, 0.1925, 0.5341

Previews

White Background



This preview shows how the XYZ color 35.1058, 38.6936, 39.3365 looks on a white background.

Color Contrast Check

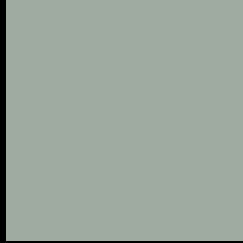
Large Text (above 18pt) WCAG AA × Fail

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 35.1058, 38.6936, 39.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

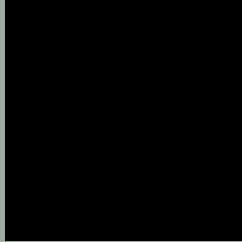
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

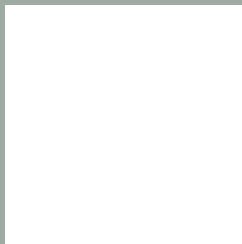
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1058, 38.6936, 39.3365

Background



This preview shows how black text looks on a background with the XYZ color 35.1058, 38.6936, 39.3365.



This preview shows how white text looks on a background with the XYZ color 35.1058, 38.6936,

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

35.1058, 38.6936, 39.3365

Protanopia

36.9075, 38.5463, 38.2958

Deuteranopia

39.3633, 38.4484, 39.9969



Tritanopia

36.9572, 38.6141, 48.6854

Trichromacy



Original Color

35.1058, 38.6936, 39.3365

Protanomaly

36.1002, 38.3910, 38.7652

Deuteranomaly

37.7015, 38.3897, 39.6053

Tritanomaly

36.2434, 38.5995, 45.0754

Monochromacy



Original Color

35.1058, 38.6936, 39.3365

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6238, 38.1043, 40.5992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1058, 38.6936, 39.3365 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(159, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(159, 170, 161)  
}
```

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(159, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 170, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.1058, 38.6936, 39.3365 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(159, 170, 161) }
```


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

```
.border{ border-color:rgb(159, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(159, 170,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1058, 38.6936, 39.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 170, 161) }
```

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

```
.background{ background-color: rgb(159,  
170, 161) }
```

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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