

Converting Colors

XYZ(38.2408, 41.4347, 45.5695)

Have a look what the booklet for
XYZ(38.2408, 41.4347, 45.5695)
contains.

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Color

**XYZ(38.1959, 41.2886,
45.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AEAD
RGB	165, 174, 173
RGB Percent	65%, 68%, 68%
CMY	0.3529, 0.3176, 0.3216
CMYK	0.05, 0.00, 0.01, 0.32
HSL	173°, 5%, 66%
HSV	173°, 5%, 68%
XYZ	38.1959, 41.2886, 45.4915
YIQ	171.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

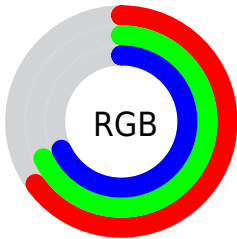
Format	Color
RYB	165, 170, 174
Decimal	10858157
CIELab	70.38, -3.34, -0.59
CIELCh	70, 3.395, 189.987
Yxy	41.2886, 0.3056, 0.3304
Android (android.graphics.Color)	4289048237 (0xFFA5AEAD)
YUV	171.1950, 0.8899, -5.4330
Hunter-Lab	64.2562, -6.3424, 3.0038

Details

The XYZ color **38.1959, 41.2886, 45.4915** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7951, 38.6631, 41.5491**, and the grayscale version is **38.8051, 40.8260, 44.4595**.

A 20% lighter version of the original color is **71.5381, 76.8557, 84.4630**, and **17.2208, 18.8103, 20.8123** is the 20% darker color. If you saturate the color by 10%, you get **34.6341, 39.4751, 44.3535**, and if you desaturate by 10%, it is **42.2552, 43.3605, 46.6687**.

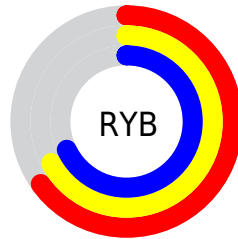
Distribution



Red (65%)

Green (68%)

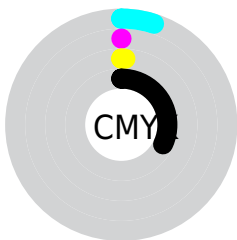
Blue (68%)



Red (65%)

Yellow (67%)

Blue (68%)

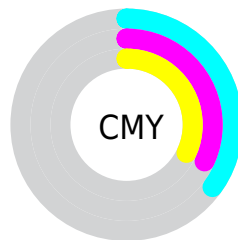


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1959, 41.2886, 45.4915 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 38.1959, 41.2886, 45.4915 by changing the saturation by 10% instead.

■ 38.1959, 41.2886,
45.4915

■ 38.1959, 41.2886,
45.4915

329.7259,
351.5254, 384.9785

■ 26.3127, 28.5447,
31.4990

■ 71.7103, 77.1218,
84.7837

■ 17.1916, 18.7366,
20.7175

■ 94.0721, 100.9799,
110.9205

■ 10.4673, 11.4801,
12.7284

120.6575,
129.3114, 141.9424

■ 5.7745, 6.3908,
7.1133

151.8319,
162.5008, 178.2681

■ 2.7478, 3.0841,
3.4535

187.9606,
200.9326, 220.3160

■ 1.0219, 1.1758,
1.3306

229.4089,

■ 0.0000, 0.0418,

244.9910, 268.5047

0.0867

276.5422,
295.0604, 323.2527

■ 0.0000, 0.0000,
0.0000

■ 38.1959, 41.2886,
45.4915

■ 38.1959, 41.2886,
45.4915

■ 34.6341, 39.4751,
44.3535

■ 42.2552, 43.3605,
46.6687

■ 31.5466, 37.9046,
43.2509

■ 46.8271, 45.6953,
47.8834

■ 28.9134, 36.5681,
42.1837

■ 51.9305, 48.3037,
49.1372

■ 26.7118, 35.4537,
41.1507

■ 57.5822, 51.1945,
50.4311

■ 24.9172, 34.5488,
40.1508

■ 63.7983, 54.3759,
51.7659

■ 23.5024, 33.8394,
39.1825

■ 65.0950, 55.0210,
52.8849

■ 22.4370, 33.3098,
38.2445

■ 65.3006, 55.1032,
53.9675

■ 21.6857, 32.9419,
37.3349

■ 65.5090, 55.1866,
55.0647

■ 21.2051, 32.7132,
36.4517

■ 65.7202, 55.2711,
56.1768

Harmonies

Analogous

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



38.2436, 41.2886, 43.9124



38.1959, 41.2886, 45.4915



38.4269, 41.2886, 46.9608

Triad

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



38.1959, 41.2886, 45.4915



39.9374, 41.2886, 47.3530



39.6121, 41.2886, 42.1292

Complementary

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



38.1959, 41.2886, 45.4915



37.7951, 38.6631, 41.5491

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.



40.0718, 41.2886, 43.0096



38.1959, 41.2886, 45.4915



40.2608, 41.2886, 46.0166

Square

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



38.1959, 41.2886, 45.4915



39.4300, 41.2886, 48.0523



40.3102, 41.2886, 44.4252



39.0577, 41.2886, 41.9962

Rectangle

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



38.1959, 41.2886, 45.4915



38.7091, 41.2886, 47.6711



40.3102, 41.2886, 44.4252



39.7829, 41.2886, 42.3465

Sweetspot

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



38.1971, 41.2904, 45.4924



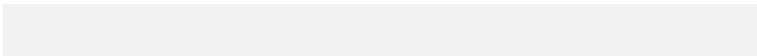
71.4942, 76.0208, 83.1769



37.6652, 41.1029, 41.5463



15.9079, 16.9054, 18.4921



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.1971, 41.2904, 45.4924



68.6424, 74.5667, 82.3192



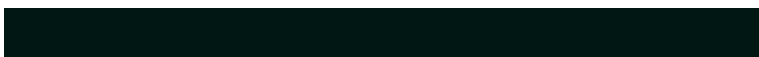
37.6363, 40.0128, 45.7862



8.4264, 9.1733, 10.1356



15.2597, 23.6692, 26.2050



0.4352, 0.6627, 0.7853

Inverse Universe

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



37.7951, 38.6631, 41.5491



67.7874, 68.9776, 73.9302



38.3344, 39.8884, 41.2766



8.3144, 8.4407, 9.0361



12.7600, 6.5665, 1.1155



0.3662, 0.1872, 0.0902

Previews

White Background



This preview shows how the XYZ color 38.1959, 41.2886, 45.4915 looks on a white background.

Color Contrast Check

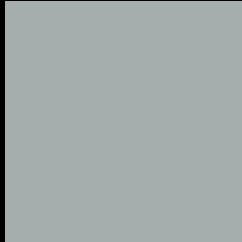
Large Text (above 18pt) WCAG AA × Fail

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 38.1959, 41.2886, 45.4915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

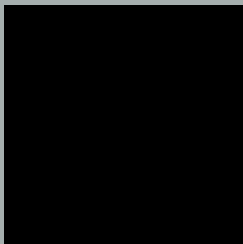
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

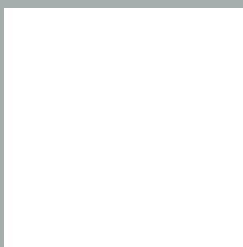
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1959, 41.2886, 45.4915

Background



This preview shows how black text looks on a background with the XYZ color 38.1959, 41.2886, 45.4915.



This preview shows how white text looks on a background with the XYZ color 38.1959, 41.2886,

45.4915.

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

38.1959, 41.2886, 45.4915

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

41.9522, 41.2582, 45.7969



Tritanopia

39.5518, 41.2657, 52.3348

Trichromacy



Original Color

38.1959, 41.2886, 45.4915

Protanomaly

38.9935, 41.1415, 44.9157

Deuteranomaly

40.6051, 41.3891, 45.8932

Tritanomaly

39.0099, 41.3303, 49.6376

Monochromacy



Original Color

38.1959, 41.2886, 45.4915

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5611, 40.9186, 44.8954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1959, 41.2886, 45.4915 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(165, 174, 173) looks like.

```
.text, #text, p{  
    color:rgb(165, 174, 173)  
}
```

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(165, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 174, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.1959, 41.2886, 45.4915 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(165, 174, 173) }
```


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

```
.border{ border-color:rgb(165, 174, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 174, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(165, 174,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1959, 41.2886, 45.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 174, 173) }
```

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

```
.background{ background-color: rgb(165,  
174, 173) }
```

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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