

Converting Colors

XYZ(35.5582, 38.0809, 36.5442)

Have a look what the booklet for
XYZ(35.5582, 38.0809, 36.5442)
contains.

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Color

**XYZ(35.6715, 38.2195,
36.5074)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A79B
RGB	167, 167, 155
RGB Percent	65%, 65%, 61%
CMY	0.3451, 0.3451, 0.3922
CMYK	0.00, 0.00, 0.07, 0.35
HSL	60°, 6%, 63%
HSV	60°, 7%, 65%
XYZ	35.6715, 38.2195, 36.5074
YIQ	165.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

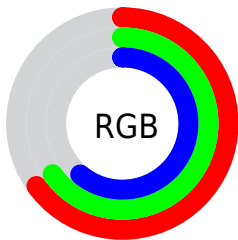
Format	Color
RYB	155, 167, 155
Decimal	10987419
CIELab	68.18, -2.19, 6.20
CIELCh	68, 6.575, 109.492
Yxy	38.2195, 0.3231, 0.3462
Android (android.graphics.Color)	4289177499 (0xFFA7A79B)
YUV	165.6320, -5.2416, 1.1997
Hunter-Lab	61.8219, -5.1931, 8.2631

Details

The XYZ color **35.6715, 38.2195, 36.5074** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2154, 33.2023, 41.2720**, and the grayscale version is **36.0920, 37.9716, 41.3511**.

A 20% lighter version of the original color is **67.7541, 72.3756, 70.7205**, and **15.6997, 16.9058, 15.5324** is the 20% darker color. If you saturate the color by 10%, you get **34.3644, 37.6978, 29.6244**, and if you desaturate by 10%, it is **37.1747, 38.8221, 44.4138**.

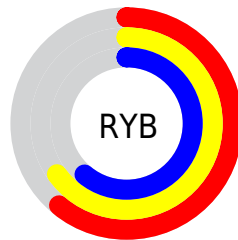
Distribution



Red (65%)

Green (65%)

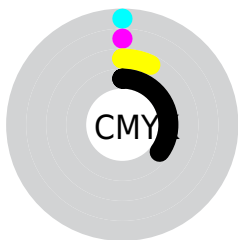
Blue (61%)



Red (61%)

Yellow (65%)

Blue (61%)

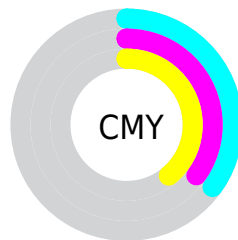


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6715, 38.2195, 36.5074 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 35.6715, 38.2195, 36.5074 by changing the saturation by 10% instead.

■ 35.6715, 38.2195,
36.5074

■ 35.6715, 38.2195,
36.5074

318.9788,
338.5606, 346.2771

■ 24.3495, 26.1531,
24.5335

■ 67.8519, 72.4444,
70.9923

■ 15.7192, 16.9382,
15.5140

■ 89.4411, 95.3718,
94.3405

■ 9.4153, 10.1904,
9.0303

115.1834,
122.6882, 122.3172

■ 5.0723, 5.5254,
4.6639

145.4441,
154.7781, 155.3409

■ 2.3249, 2.5587,
1.9962

180.5887,
192.0259, 193.8302

■ 0.8074, 0.9060,
0.5529

220.9824,

■ 0.0000, 0.0000,

234.8160, 238.2037

0.0000

266.9906,
283.5328, 288.8798

■ 35.6715, 38.2195,
36.5074

■ 35.6715, 38.2195,
36.5074

■ 34.3644, 37.6978,
29.6244

■ 37.1747, 38.8221,
44.4138

■ 33.2423, 37.2489,
23.7205

■ 38.8784, 39.5037,
53.3805

■ 32.2979, 36.8710,
18.7522

■ 40.7907, 40.2687,
63.4453

■ 31.5221, 36.5605,
14.6714

■ 42.9182, 41.1198,
74.6438

■ 30.9048, 36.3135,
11.4259

■ 45.2674, 42.0596,
87.0097

■ 30.4352, 36.1256,
8.9580

■ 47.8116, 43.0774,
100.4026

■ 30.1010, 35.9918,
7.2027

■ 47.8126, 43.0779,
100.4026

■ 29.8877, 35.9064,
6.0843

■ 47.8135, 43.0784,
100.4027

■ 29.7734, 35.8605,
5.4874

■ 47.8144, 43.0789,
100.4027

Harmonies

Analogous

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



36.6878, 38.2195, 36.2977



35.6715, 38.2195, 36.5074



34.8456, 38.2195, 38.0479

Triad

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



35.6715, 38.2195, 36.5074



35.0588, 38.2195, 46.0645



38.3030, 38.2195, 42.6545

Complementary

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



35.6715, 38.2195, 36.5074



32.2154, 33.2023, 41.2720

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.



37.8488, 38.2195, 45.3974



35.6715, 38.2195, 36.5074



35.9675, 38.2195, 47.4268

Square

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



35.6715, 38.2195, 36.5074



34.4965, 38.2195, 43.5304



36.9894, 38.2195, 47.1771



38.2201, 38.2195, 39.7557

Rectangle

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



35.6715, 38.2195, 36.5074



34.5080, 38.2195, 39.6644



36.9894, 38.2195, 47.1771



38.2077, 38.2195, 43.6275

Sweetspot

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



35.6726, 38.2212, 36.5082



65.2252, 68.9846, 72.4398



33.5753, 34.0257, 35.8090



14.6031, 15.4402, 16.2469



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.



35.6726, 38.2212, 36.5082



63.3938, 68.2519, 62.8019



34.4345, 37.5829, 36.4503



8.1467, 8.7737, 8.0534



22.7618, 27.4314, 4.0951



0.5539, 0.6674, 0.0996

Inverse Universe

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



32.2154, 33.2023, 41.2720



55.6041, 56.9433, 73.5358



33.3955, 33.8107, 41.3272



7.1320, 7.3006, 9.4516



5.3379, 2.1352, 28.1063



0.1299, 0.0520, 0.6838

Previews

White Background



This preview shows how the XYZ color 35.6715, 38.2195, 36.5074 looks on a white background.

Color Contrast Check

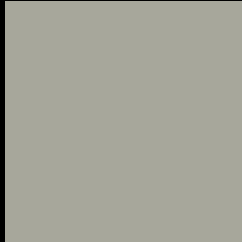
Large Text (above 18pt) WCAG AA × Fail

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 35.6715, 38.2195, 36.5074 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 35.6715, 38.2195, 36.5074

Background



This preview shows how black text looks on a background with the XYZ color 35.6715, 38.2195, 36.5074.



This preview shows how white text looks on a background with the XYZ color 35.6715, 38.2195,

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

35.6715, 38.2195, 36.5074

Protanopia

36.4822, 38.3762, 36.0564

Deuteranopia

38.8213, 37.9810, 36.7375



Tritanopia

37.7888, 38.2713, 46.9904

Trichromacy



Original Color

35.6715, 38.2195, 36.5074

Protanomaly

36.0465, 38.1516, 36.0360

Deuteranomaly

37.6883, 38.1784, 36.8353

Tritanomaly

36.9788, 38.2099, 42.9624

Monochromacy



Original Color

35.6715, 38.2195, 36.5074

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8837, 37.9881, 39.6236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6715, 38.2195, 36.5074 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(167, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 155)  
}
```

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(167, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.6715, 38.2195, 36.5074 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(167, 167, 155) }
```


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

```
.border{ border-color:rgb(167, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6715, 38.2195, 36.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 155) }
```

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

```
.background{ background-color: rgb(167,  
167, 155) }
```

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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