

Converting Colors

XYZ(35.9387, 35.3289, 36.9011)

Have a look what the booklet for
XYZ(35.9387, 35.3289, 36.9011)
contains.

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Color

**XYZ(35.9386, 35.2241,
36.8031)**

Conversions

Conversions Part 1

Format	Color
Hex	B19B9D
RGB	177, 155, 157
RGB Percent	69%, 61%, 62%
CMY	0.3059, 0.3921, 0.3843
CMYK	0.00, 0.12, 0.11, 0.31
HSL	355°, 12%, 65%
HSV	355°, 12%, 69%
XYZ	35.9386, 35.2241, 36.8031
YIQ	161.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

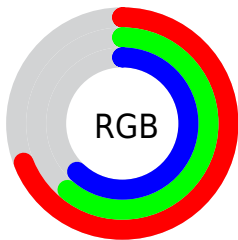
Format	Color
RYB	177, 155, 157
Decimal	11639709
CIELab	65.92, 8.44, 1.93
CIElCh	66, 8.660, 12.870
Yxy	35.2241, 0.3329, 0.3263
Android (android.graphics.Color)	4289829789 (0xFFB19B9D)
YUV	161.8060, -2.3694, 13.3251
Hunter-Lab	59.3499, 4.2262, 4.7790

Details

The XYZ color **35.9386, 35.2241, 36.8031** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9789, 41.5088, 46.6224**, and the grayscale version is **34.2593, 36.0435, 39.2513**.

A 20% lighter version of the original color is **68.2884, 67.6780, 71.7513**, and **15.8640, 15.2263, 15.7385** is the 20% darker color. If you saturate the color by 10%, you get **31.9215, 29.2455, 29.1260**, and if you desaturate by 10%, it is **40.5705, 42.1418, 45.5790**.

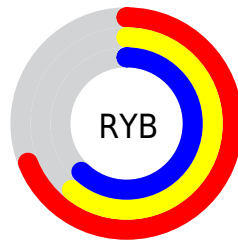
Distribution



Red (69%)

Green (61%)

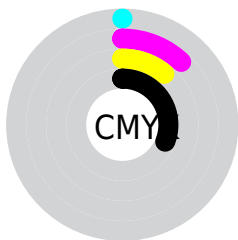
Blue (62%)



Red (69%)

Yellow (61%)

Blue (62%)

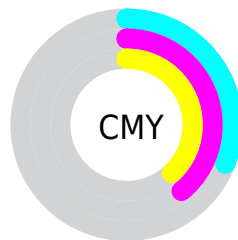


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9386, 35.2241, 36.8031 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 35.9386, 35.2241, 36.8031 by changing the saturation by 10% instead.


 35.9386, 35.2241,
36.8031


 35.9386, 35.2241,
36.8031


320.1280,
325.5564, 347.6003

 24.5567, 23.8356,
24.7605


 68.2618, 67.8328,
71.4528

 15.8740, 15.2117,
15.6813


 89.9337, 89.8217,
94.8969

 9.5253, 8.9681,
9.1470


115.7664,
116.1129, 122.9787

 5.1452, 4.7204,
4.7391

146.1252,
147.0907, 156.1166

 2.3684, 2.0841,
2.0390

181.3753,
183.1396, 194.7291

 0.8293, 0.6557,
0.5791

221.8823,

 0.0000, 0.0000,

224.6439, 239.2349

0.0000

268.0114,
271.9880, 290.0524

■ 35.9386, 35.2241,
36.8031

■ 35.9386, 35.2241,
36.8031

■ 31.9215, 29.2455,
29.1260

■ 40.5705, 42.1418,
45.5790

■ 28.4904, 24.1610,
22.5020

■ 45.8385, 50.0318,
55.4921

■ 25.6189, 19.9292,
16.8861

■ 51.7663, 58.9312,
66.5819

■ 23.2772, 16.5033,
12.2285

■ 58.3759, 68.8741,
78.8853

■ 21.4326, 13.8321,
8.4757

■ 65.6878, 79.8926,
92.4376

■ 20.0491, 11.8584,
5.5687

■ 71.7106, 87.9948,
106.6022

■ 19.0855, 10.5171,
3.4415

■ 71.9416, 88.0872,
107.8185

■ 18.4934, 9.7305,
2.0182

■ 18.2257, 9.3848,
1.3438

Harmonies

Analogous

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



35.8889, 35.2241, 40.4685



35.9386, 35.2241, 36.8031



35.3173, 35.2241, 33.7511

Triad

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



35.9386, 35.2241, 36.8031



31.8315, 35.2241, 33.4118



32.7592, 35.2241, 45.4971

Complementary

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



35.9386, 35.2241, 36.8031



36.9789, 41.5088, 46.6224

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.



31.7065, 35.2241, 43.3554



35.9386, 35.2241, 36.8031



31.1803, 35.2241, 36.3126

Square

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



35.9386, 35.2241, 36.8031



32.9338, 35.2241, 31.8788



31.1351, 35.2241, 39.9459



34.0311, 35.2241, 45.6494

Rectangle

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



35.9386, 35.2241, 36.8031



34.6153, 35.2241, 32.4112



31.1351, 35.2241, 39.9459



32.3687, 35.2241, 44.9800

Sweetspot

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



35.9396, 35.2257, 36.8038



71.2218, 73.3236, 78.9129



37.2925, 35.7094, 46.5224



15.2965, 15.6835, 16.8400



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.



35.9396, 35.2257, 36.8038



62.2210, 59.8907, 61.8280



37.2886, 38.1943, 36.4191



8.5267, 8.5174, 9.0058



13.2154, 6.8037, 1.0283



0.4260, 0.2182, 0.0861

Inverse Universe

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



35.9396, 35.2257, 36.8038



62.2210, 59.8907, 61.8280



35.4942, 38.2233, 47.1024



8.5267, 8.5174, 9.0058



13.2154, 6.8037, 1.0283



0.4260, 0.2182, 0.0861

Previews

White Background



This preview shows how the XYZ color 35.9386, 35.2241, 36.8031 looks on a white background.

Color Contrast Check

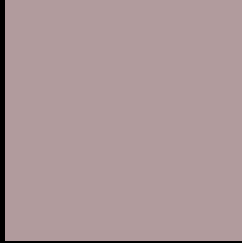
Large Text (above 18pt) WCAG AA × Fail

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 35.9386, 35.2241, 36.8031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

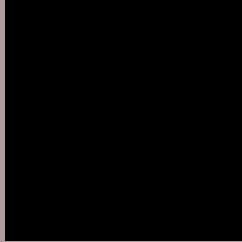
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9386, 35.2241, 36.8031

Background



This preview shows how black text looks on a background with the XYZ color 35.9386, 35.2241, 36.8031.



This preview shows how white text looks on a background with the XYZ color 35.9386, 35.2241,

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

35.9386, 35.2241, 36.8031

Protanopia

34.0202, 35.4662, 38.3103

Deuteranopia

35.9386, 35.2241, 36.8031



Tritanopia

36.7986, 35.3294, 40.9561

Trichromacy



Original Color

35.9386, 35.2241, 36.8031

Protanomaly

34.6333, 35.2818, 37.7856

Deuteranomaly

35.9386, 35.2241, 36.8031

Tritanomaly

36.5266, 35.2205, 39.5234

Monochromacy



Original Color

35.9386, 35.2241, 36.8031

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6797, 35.5498, 38.2917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9386, 35.2241, 36.8031 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(177, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(177, 155, 157)  
}
```

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(177, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 155, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.9386, 35.2241, 36.8031 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(177, 155, 157) }
```


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

```
.border{ border-color:rgb(177, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(177, 155,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9386, 35.2241, 36.8031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 155, 157) }
```

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

```
.background{ background-color: rgb(177,  
155, 157) }
```

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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