

Converting Colors

XYZ(35.6884, 36.3067, 38.3607)

Have a look what the booklet for
XYZ(35.6884, 36.3067, 38.3607)
contains.

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Color

**XYZ(35.7106, 36.3376,
38.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA0A0
RGB	171, 160, 160
RGB Percent	67%, 63%, 63%
CMY	0.3294, 0.3725, 0.3725
CMYK	0.00, 0.06, 0.06, 0.33
HSL	0°, 6%, 65%
HSV	0°, 6%, 67%
XYZ	35.7106, 36.3376, 38.3894
YIQ	163.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

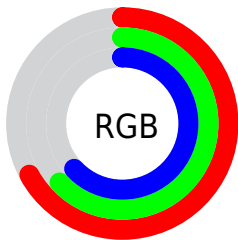
Format	Color
RYB	171, 160, 160
Decimal	11247776
CIELab	66.78, 3.99, 1.43
CIElCh	67, 4.241, 19.679
Yxy	36.3376, 0.3234, 0.3290
Android (android.graphics.Color)	4289437856 (0xFFABA0A0)
YUV	163.2890, -1.6215, 6.7625
Hunter-Lab	60.2807, 0.2532, 4.4380

Details

The XYZ color **35.7106, 36.3376, 38.3894** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4108, 39.5392, 44.2414**, and the grayscale version is **34.9554, 36.7758, 40.0489**.

A 20% lighter version of the original color is **67.9302, 69.6759, 74.1585**, and **15.8367, 15.9633, 16.7145** is the 20% darker color. If you saturate the color by 10%, you get **31.5540, 30.2557, 30.1242**, and if you desaturate by 10%, it is **40.4826, 43.3201, 47.8759**.

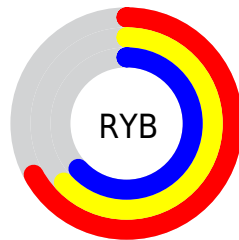
Distribution



Red (67%)

Green (63%)

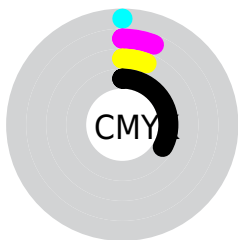
Blue (63%)



Red (67%)

Yellow (63%)

Blue (63%)

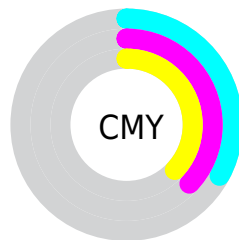


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7106, 36.3376, 38.3894 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 35.7106, 36.3376, 38.3894 by changing the saturation by 10% instead.


 35.7106, 36.3376,
38.3894


 35.7106, 36.3376,
38.3894


319.1472,
330.4337, 354.6356

 24.3798, 24.6950,
25.9809


 67.9119, 69.5528,
73.9146

 15.7419, 15.8500,
16.5837


 89.5132, 91.8943,
97.8684

 9.4314, 9.4181,
9.7793


115.2688,
118.5708, 126.5077

 5.0830, 5.0149,
5.1492

145.5439,
149.9669, 160.2510

 2.3313, 2.2560,
2.2748

180.7039,
186.4668, 199.5169

 0.8106, 0.7503,
0.7170

221.1142,

 0.0000, 0.0000,

228.4550, 244.7240

0.0000

267.1402,
276.3158, 296.2907

■ 35.7106, 36.3376,
38.3894

■ 35.7106, 36.3376,
38.3894

■ 31.5540, 30.2557,
30.1242

■ 40.4826, 43.3201,
47.8759

■ 27.9849, 25.0332,
23.0283

■ 45.8903, 51.2327,
58.6278

■ 24.9776, 20.6328,
17.0498

■ 51.9571, 60.1095,
70.6902

■ 22.5037, 17.0127,
12.1316

■ 58.7041, 69.9814,
84.1052

■ 20.5319, 14.1274,
8.2120

■ 66.1514, 80.8781,
98.9128

■ 19.0279, 11.9265,
5.2226

■ 70.6048, 87.3981,
107.7560

■ 17.9531, 10.3536,
3.0866

■ 17.2627, 9.3431,
1.7147

■ 16.8950, 8.8048,
0.9842

Harmonies

Analogous

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



35.7638, 36.3376, 40.2008



35.7106, 36.3376, 38.3894



35.3409, 36.3376, 36.9364

Triad

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



35.7106, 36.3376, 38.3894



33.6072, 36.3376, 37.3265



34.3176, 36.3376, 43.1384

Complementary

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



35.7106, 36.3376, 38.3894



36.4108, 39.5392, 44.2414

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.



33.7469, 36.3376, 42.3164



35.7106, 36.3376, 38.3894



33.3401, 36.3376, 38.9368

Square

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



35.7106, 36.3376, 38.3894



34.1247, 36.3376, 36.3360



33.3910, 36.3376, 40.7653



34.9542, 36.3376, 42.9808

Rectangle

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



35.7106, 36.3376, 38.3894



34.9673, 36.3376, 36.3488



33.3910, 36.3376, 40.7653



34.1118, 36.3376, 42.9665

Sweetspot

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



35.7116, 36.3392, 38.3902



67.5762, 70.3767, 75.9501



36.7166, 36.7404, 43.6851



15.0909, 15.7252, 16.9792



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.



35.7116, 36.3392, 38.3902



62.6078, 63.1069, 66.0720



36.6858, 38.2876, 38.7149



8.0054, 8.0157, 8.3386



12.6611, 6.5277, 0.5927



0.3523, 0.1817, 0.0165

Inverse Universe

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



36.4108, 39.5392, 44.2414



64.1747, 70.2781, 79.1845



35.3939, 37.5054, 43.9025



8.2362, 9.0717, 10.2696



16.5132, 24.1603, 32.8376



0.4594, 0.6722, 0.9135

Previews

White Background



This preview shows how the XYZ color 35.7106, 36.3376, 38.3894 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 35.7106, 36.3376, 38.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

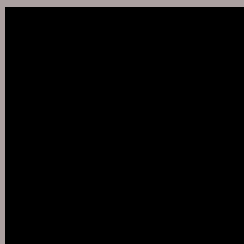
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7106, 36.3376, 38.3894

Background



This preview shows how black text looks on a background with the XYZ color 35.7106, 36.3376, 38.3894.



This preview shows how white text looks on a background with the XYZ color 35.7106, 36.3376,

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

35.7106, 36.3376, 38.3894

Protanopia

35.0792, 36.5209, 38.9186

Deuteranopia

37.0804, 36.2709, 38.7648



Tritanopia

36.8111, 36.2782, 43.5903

Trichromacy



Original Color

35.7106, 36.3376, 38.3894

Protanomaly

35.3263, 36.3878, 38.8799

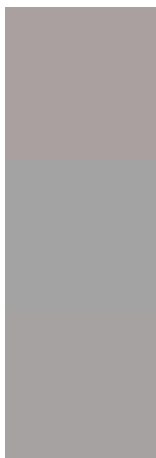
Deuteranomaly

36.5644, 36.2570, 38.7894

Tritanomaly

36.3864, 36.3570, 41.6590

Monochromacy



Original Color

35.7106, 36.3376, 38.3894

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1678, 36.5563, 39.3849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7106, 36.3376, 38.3894 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(171, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 160)  
}
```

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(171, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 160) }
```

Border

The CSS property to change the border of an element to XYZ 35.7106, 36.3376, 38.3894 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(171, 160, 160) }
```


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

```
.border{ border-color:rgb(171, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7106, 36.3376, 38.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 160) }
```

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

```
.background{ background-color: rgb(171,  
160, 160) }
```

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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