

Converting Colors

XYZ(35.6530, 36.0378, 34.6369)

Have a look what the booklet for
XYZ(35.6530, 36.0378, 34.6369)
contains.

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Color

**XYZ(35.7448, 36.1772,
34.8047)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9F98
RGB	175, 159, 152
RGB Percent	69%, 62%, 60%
CMY	0.3137, 0.3765, 0.4039
CMYK	0.00, 0.09, 0.13, 0.31
HSL	18°, 13%, 64%
HSV	18°, 13%, 69%
XYZ	35.7448, 36.1772, 34.8047
YIQ	162.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

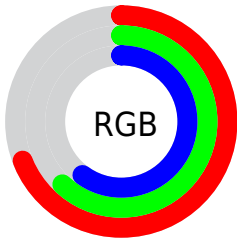
Format	Color
R _Y B	175, 162, 152
Decimal	11509656
CIE Lab	66.66, 4.63, 5.76
CIE LCh	67, 7.393, 51.180
Yxy	36.1772, 0.3349, 0.3390
Android (android.graphics.Color)	4289699736 (0xFFAF9F98)
YUV	162.9860, -5.4161, 10.5363
Hunter-Lab	60.1475, 0.8219, 7.7947

Details

The XYZ color **35.7448, 36.1772, 34.8047** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6892, 37.7750, 46.0207**, and the grayscale version is **34.8278, 36.6416, 39.9027**.

A 20% lighter version of the original color is **68.1421, 69.5383, 68.2233**, and **15.7376, 15.8023, 14.5326** is the 20% darker color. If you saturate the color by 10%, you get **32.4252, 31.6647, 27.1409**, and if you desaturate by 10%, it is **39.4841, 41.1897, 43.6527**.

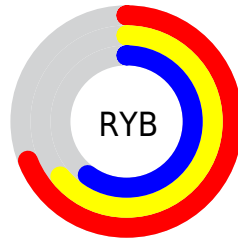
Distribution



Red (69%)

Green (62%)

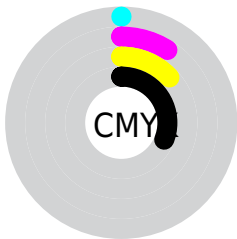
Blue (60%)



Red (69%)

Yellow (64%)

Blue (60%)

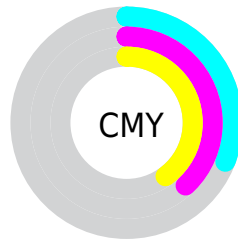


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7448, 36.1772, 34.8047 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 35.7448, 36.1772, 34.8047 by changing the saturation by 10% instead.

■ 35.7448, 36.1772,
34.8047

■ 35.7448, 36.1772,
34.8047

319.2945,
329.7344, 338.5835

■ 24.4064, 24.5711,
23.2301

■ 67.9644, 69.3055,
68.3312

■ 15.7617, 15.7578,
14.5566

■ 89.5763, 91.5964,
91.1203

■ 9.4455, 9.3529,
8.3657

115.3435,
118.2178, 118.4846

■ 5.0923, 4.9721,
4.2387

145.6311,
149.5539, 150.8426

■ 2.3368, 2.2309,
1.7572

180.8047,
185.9893, 188.6130

■ 0.8134, 0.7368,
0.3995

221.2295,

■ 0.0000, 0.0000,

227.9082, 232.2143

0.0000

267.2710,
275.6951, 282.0649

■ 35.7448, 36.1772,
34.8047

■ 35.7448, 36.1772,
34.8047

■ 32.4252, 31.6647,
27.1409

■ 39.4841, 41.1897,
43.6527

■ 29.5071, 27.6320,
20.6083

■ 43.6543, 46.7123,
53.7300

■ 26.9753, 24.0642,
15.1534

■ 48.2702, 52.7608,
65.0823

■ 24.8127, 20.9439,
10.7176

■ 53.3448, 59.3489,
77.7521

■ 23.0005, 18.2528,
7.2364

■ 58.8904, 66.4895,
91.7802

■ 21.5183, 15.9709,
4.6380

■ 64.5953, 74.0659,
105.4994

■ 20.3431, 14.0766,
2.8400

■ 68.1416, 81.1586,
106.6815

■ 19.4484, 12.5460,
1.7444

■ 71.4893, 87.8540,
107.7974

■ 18.9655, 11.6864,
1.2561

Harmonies

Analogous

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



36.4203, 36.1772, 37.2170



35.7448, 36.1772, 34.8047



34.7146, 36.1772, 33.6379

Triad

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



35.7448, 36.1772, 34.8047



32.3131, 36.1772, 38.4583



35.1646, 36.1772, 45.3884

Complementary

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



35.7448, 36.1772, 34.8047



34.6892, 37.7750, 46.0207

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.



34.0582, 36.1772, 45.7649



35.7448, 36.1772, 34.8047



32.4277, 36.1772, 41.6477

Square

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



35.7448, 36.1772, 34.8047



32.7443, 36.1772, 35.6713



33.0608, 36.1772, 44.3631



36.0803, 36.1772, 43.3603

Rectangle

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



35.7448, 36.1772, 34.8047



33.9719, 36.1772, 33.6774



33.0608, 36.1772, 44.3631



34.8021, 36.1772, 45.7165

Sweetspot

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



35.7458, 36.1788, 34.8055



70.0614, 72.8990, 76.6202



35.9850, 34.4018, 41.8386



15.4566, 16.0488, 16.7546



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.



35.7458, 36.1788, 34.8055



62.0759, 62.1663, 57.8092



37.7969, 40.2810, 35.4892



8.1967, 8.3982, 8.4024



13.6303, 8.4660, 0.9157



0.4281, 0.3333, 0.0418

Inverse Universe

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



34.6892, 37.7750, 46.0207



59.7817, 65.6299, 82.1539



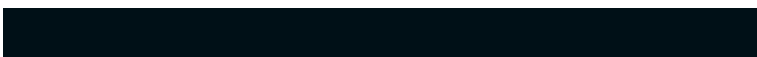
32.6766, 33.7498, 45.3499



8.0274, 8.6542, 10.2000



10.5563, 12.2464, 30.8519



0.3389, 0.4311, 0.8733

Previews

White Background



This preview shows how the XYZ color 35.7448, 36.1772, 34.8047 looks on a white background.

Color Contrast Check

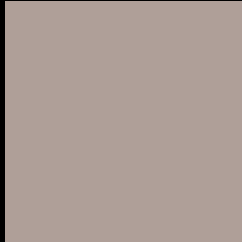
Large Text (above 18pt) WCAG AA × Fail

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 35.7448, 36.1772, 34.8047 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 35.7448, 36.1772, 34.8047

Background



This preview shows how black text looks on a background with the XYZ color 35.7448, 36.1772, 34.8047.



This preview shows how white text looks on a background with the XYZ color 35.7448, 36.1772,

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

35.7448, 36.1772, 34.8047

Protanopia

34.6064, 36.3561, 35.3305

Deuteranopia

36.7805, 36.2047, 34.7554



Tritanopia

37.1814, 35.9886, 42.5229

Trichromacy



Original Color

35.7448, 36.1772, 34.8047

Protanomaly

35.0722, 36.3357, 35.3020

Deuteranomaly

36.4848, 36.3044, 34.7903

Tritanomaly

36.5723, 35.9884, 39.6692

Monochromacy



Original Color

35.7448, 36.1772, 34.8047

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1147, 36.5594, 38.0068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7448, 36.1772, 34.8047 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(175, 159, 152)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 152)  
}
```

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(175, 159, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.7448, 36.1772, 34.8047 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(175, 159, 152) }
```


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

```
.border{ border-color:rgb(175, 159, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7448, 36.1772, 34.8047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 152) }
```

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

```
.background{ background-color: rgb(175,  
159, 152) }
```

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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