

Converting Colors

XYZ(36.1343, 37.3884, 36.7687)

Have a look what the booklet for
XYZ(36.1343, 37.3884, 36.7687)
contains.

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Color

**XYZ(36.1112, 37.3653,
36.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA39C
RGB	172, 163, 156
RGB Percent	67%, 64%, 61%
CMY	0.3255, 0.3608, 0.3882
CMYK	0.00, 0.05, 0.09, 0.33
HSL	26°, 9%, 64%
HSV	26°, 9%, 67%
XYZ	36.1112, 37.3653, 36.7615
YIQ	164.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

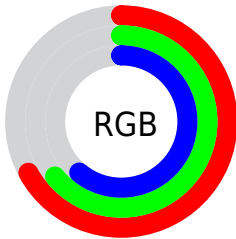
Format	Color
RYB	172, 168, 156
Decimal	11314076
CIELab	67.55, 2.01, 4.79
CIELCh	68, 5.190, 67.271
Yxy	37.3653, 0.3276, 0.3390
Android (android.graphics.Color)	4289504156 (0xFFACA39C)
YUV	164.8930, -4.3842, 6.2328
Hunter-Lab	61.1272, -1.5227, 7.1324

Details

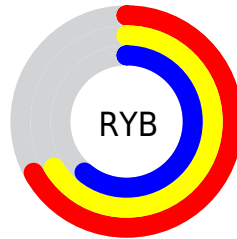
The XYZ color **36.1112, 37.3653, 36.7615** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6118, 36.9562, 44.3392**, and the grayscale version is **35.7315, 37.5923, 40.9381**.

A 20% lighter version of the original color is **68.3828, 71.1268, 71.0975**, and **15.9800, 16.3819, 15.6844** is the 20% darker color. If you saturate the color by 10%, you get **33.1048, 33.5204, 29.0753**, and if you desaturate by 10%, it is **39.4573, 41.5587, 45.5794**.

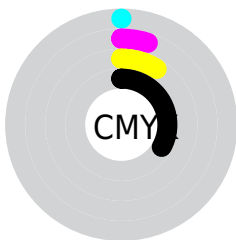
Distribution



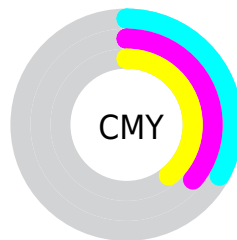
- Red (67%)
- Green (64%)
- Blue (61%)



- Red (67%)
- Yellow (66%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1112, 37.3653, 36.7615 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 36.1112, 37.3653, 36.7615 by changing the saturation by 10% instead.

■ 36.1112, 37.3653,
36.7615

■ 36.1112, 37.3653,
36.7615

320.8691,
334.8894, 347.4143

■ 24.6906, 25.4905,
24.7285

■ 68.5264, 71.1343,
71.3880

■ 15.9742, 16.4428,
15.6578

■ 90.2517, 93.7972,
94.8187

■ 9.5966, 9.8381,
9.1306

116.1427,
120.8249, 122.8857

■ 5.1925, 5.2917,
4.7285

146.5646,
152.6018, 156.0075

■ 2.3966, 2.4194,
2.0329

181.8828,
189.5123, 194.6028

■ 0.8434, 0.8359,
0.5754

222.4628,

■ 0.0000, 0.0000,

231.9408, 239.0900

0.0000

268.6697,
280.2717, 289.8877

■ 36.1112, 37.3653,
36.7615

■ 36.1112, 37.3653,
36.7615

■ 33.1048, 33.5204,
29.0753

■ 39.4573, 41.5587,
45.5794

■ 30.4235, 30.0098,
22.4720

■ 43.1509, 46.1046,
55.5704

■ 28.0561, 26.8254,
16.9029

■ 47.2036, 51.0132,
66.7765

■ 25.9894, 23.9570,
12.3143

■ 51.6252, 56.2926,
79.2370

■ 24.2093, 21.3936,
8.6479

■ 56.4254, 61.9510,
92.9896

■ 22.7003, 19.1236,
5.8390

■ 60.9292, 67.7223,
104.4681

■ 21.4452, 17.1345,
3.8143

■ 63.5575, 72.9788,
105.3442

■ 20.4242, 15.4123,
2.4880

■ 66.3353, 78.5344,
106.2702

■ 19.6015, 13.9364,
1.6914

■ 69.2649, 84.3936,
107.2467

Harmonies

Analogous

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



36.7506, 37.3653, 38.0789



36.1112, 37.3653, 36.7615



35.3206, 37.3653, 36.4761

Triad

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



36.1112, 37.3653, 36.7615



34.0130, 37.3653, 41.2436



36.4527, 37.3653, 44.2854

Complementary

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



36.1112, 37.3653, 36.7615



34.6118, 36.9562, 44.3392

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.



35.7093, 37.3653, 45.2046



36.1112, 37.3653, 36.7615



34.3066, 37.3653, 43.4063

Square

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



36.1112, 37.3653, 36.7615



34.1170, 37.3653, 39.0089



34.9246, 37.3653, 44.8770



36.9498, 37.3653, 42.4074

Rectangle

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



36.1112, 37.3653, 36.7615



34.8156, 37.3653, 36.8994



34.9246, 37.3653, 44.8770



36.2229, 37.3653, 44.7199

Sweetspot

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



36.1122, 37.3669, 36.7623



69.2309, 72.4654, 76.4405



35.6998, 35.2672, 40.5553



14.9401, 15.6166, 16.3340



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.



36.1122, 37.3669, 36.7623



64.4319, 66.4184, 63.8938



37.5648, 40.2721, 37.2465



8.2828, 8.5705, 8.4311



14.6001, 10.4057, 1.2390



0.4612, 0.3996, 0.0528

Inverse Universe

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



34.6118, 36.9562, 44.3392



61.1970, 65.5328, 80.2294



33.2255, 34.1836, 43.8771



7.9384, 8.4762, 10.1704



8.7585, 8.6508, 30.2527



0.2969, 0.3471, 0.8593

Previews

White Background



This preview shows how the XYZ color 36.1112, 37.3653, 36.7615 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 36.1112, 37.3653, 36.7615 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 36.1112, 37.3653, 36.7615

Background



This preview shows how black text looks on a background with the XYZ color 36.1112, 37.3653, 36.7615.



This preview shows how white text looks on a background with the XYZ color 36.1112, 37.3653,

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

36.1112, 37.3653, 36.7615

Protanopia

35.6384, 37.3862, 36.7904

Deuteranopia

38.0124, 37.2979, 37.0940



Tritanopia

37.5692, 37.1574, 44.7272

Trichromacy



Original Color

36.1112, 37.3653, 36.7615

Protanomaly

35.8538, 37.4973, 36.8005

Deuteranomaly

37.2470, 37.1596, 37.1077

Tritanomaly

36.9535, 37.1640, 41.7849

Monochromacy



Original Color

36.1112, 37.3653, 36.7615

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9455, 37.4844, 39.5231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1112, 37.3653, 36.7615 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(172, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 163, 156)  
}
```

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(172, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 163, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.1112, 37.3653, 36.7615 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(172, 163, 156) }
```


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

```
.border{ border-color:rgb(172, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 163,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1112, 37.3653, 36.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 163, 156) }
```

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

```
.background{ background-color: rgb(172,  
163, 156) }
```

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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