

Converting Colors

XYZ(35.7376, 36.6320, 36.5346)

Have a look what the booklet for
XYZ(35.7376, 36.6320, 36.5346)
contains.

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Color

**XYZ(35.7589, 36.6607,
36.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA19C
RGB	172, 161, 156
RGB Percent	67%, 63%, 61%
CMY	0.3255, 0.3686, 0.3882
CMYK	0.00, 0.06, 0.09, 0.33
HSL	19°, 9%, 64%
HSV	19°, 9%, 67%
XYZ	35.7589, 36.6607, 36.6440
YIQ	163.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

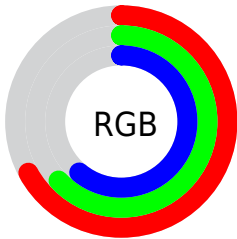
Format	Color
RYB	172, 163, 156
Decimal	11313564
CIELab	67.02, 3.10, 4.02
CIElCh	67, 5.081, 52.378
Yxy	36.6607, 0.3279, 0.3361
Android (android.graphics.Color)	4289503644 (0xFFACA19C)
YUV	163.7190, -3.8055, 7.2624
Hunter-Lab	60.5481, -0.5394, 6.5011

Details

The XYZ color **35.7589, 36.6607, 36.6440** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9753, 37.6833, 44.4604**, and the grayscale version is **35.1687, 37.0002, 40.2932**.

A 20% lighter version of the original color is **67.8673, 70.0958, 70.9256**, and **15.8715, 16.1649, 15.6482** is the 20% darker color. If you saturate the color by 10%, you get **32.4355, 32.1817, 28.8521**, and if you desaturate by 10%, it is **39.4860, 41.6161, 45.5889**.

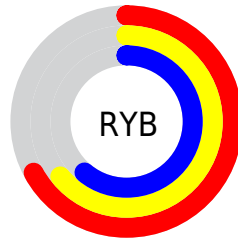
Distribution



Red (67%)

Green (63%)

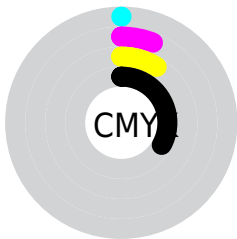
Blue (61%)



Red (67%)

Yellow (64%)

Blue (61%)

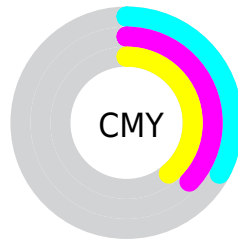


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7589, 36.6607, 36.6440 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 35.7589, 36.6607, 36.6440 by changing the saturation by 10% instead.

■ 35.7589, 36.6607,
36.6440

■ 35.7589, 36.6607,
36.6440

319.3552,
331.8392, 346.8888

■ 24.4173, 24.9449,
24.6384

■ 67.9861, 70.0506,
71.2051

■ 15.7699, 16.0360,
15.5913

■ 89.6024, 92.4935,
94.5977

■ 9.4513, 9.5496,
9.0842

115.3742,
119.2810, 122.6229

■ 5.0961, 5.1014,
4.6986

145.6671,
150.7973, 155.6994

■ 2.3391, 2.3069,
2.0159

180.8462,
187.4268, 194.2457

■ 0.8146, 0.7773,
0.5650

221.2771,

■ 0.0000, 0.0000,

229.5541, 238.6804

0.0000

267.3249,
277.5634, 289.4219

■ 35.7589, 36.6607,
36.6440

■ 35.7589, 36.6607,
36.6440

■ 32.4355, 32.1817,
28.8521

■ 39.4860, 41.6161,
45.5889

■ 29.4987, 28.1601,
22.1637

■ 43.6270, 47.0567,
55.7290

■ 26.9346, 24.5825,
16.5290

■ 48.1956, 52.9972,
67.1070

■ 24.7275, 21.4331,
11.8936

■ 53.2039, 59.4500,
79.7631

■ 22.8601, 18.6952,
8.1981

■ 58.6635, 66.4273,
93.7355

■ 21.3139, 16.3508,
5.3768

■ 63.9016, 73.6671,
105.4589

■ 20.0682, 14.3804,
3.3552

■ 67.3408, 80.5455,
106.6053

■ 19.0994, 12.7627,
2.0464

■ 70.8235, 87.5108,
107.7662

■ 18.3677, 11.4687,
1.2801

Harmonies

Analogous

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



36.2356, 36.6607, 38.3206



35.7589, 36.6607, 36.6440



35.0422, 36.6607, 35.8503

Triad

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



35.7589, 36.6607, 36.6440



33.3943, 36.6607, 39.3560



35.4131, 36.6607, 43.9787

Complementary

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



35.7589, 36.6607, 36.6440



34.9753, 37.6833, 44.4604

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.



34.6484, 36.6607, 44.2808



35.7589, 36.6607, 36.6440



33.4903, 36.6607, 41.5577

Square

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



35.7589, 36.6607, 36.6440



33.6824, 36.6607, 37.3780



33.9466, 36.6607, 43.3799



36.0338, 36.6607, 42.5690

Rectangle

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



35.7589, 36.6607, 36.6440



34.5277, 36.6607, 35.9073



33.9466, 36.6607, 43.3799



35.1640, 36.6607, 44.2152

Sweetspot

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



35.7599, 36.6623, 36.6448



69.0097, 72.0232, 76.3668



35.8958, 35.3455, 41.5872



14.8800, 15.4964, 16.3140



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.



35.7599, 36.6623, 36.6448



63.6750, 64.9047, 63.6415



37.1653, 39.4730, 37.1132



8.2020, 8.4088, 8.4041



13.6790, 8.5634, 0.9319



0.4301, 0.3374, 0.0424

Inverse Universe

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



34.9753, 37.6833, 44.4604



61.9833, 67.1055, 80.4916



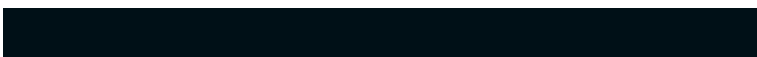
33.5898, 34.9121, 43.9985



8.0219, 8.6431, 10.1982



10.4320, 11.9978, 30.8105



0.3361, 0.4256, 0.8724

Previews

White Background



This preview shows how the XYZ color 35.7589, 36.6607, 36.6440 looks on a white background.

Color Contrast Check

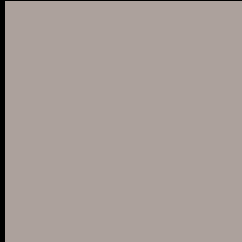
Large Text (above 18pt) WCAG AA × Fail

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 35.7589, 36.6607, 36.6440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

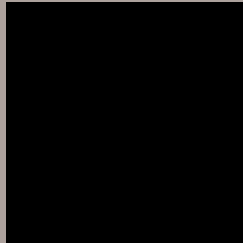
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7589, 36.6607, 36.6440

Background



This preview shows how black text looks on a background with the XYZ color 35.7589, 36.6607, 36.6440.



This preview shows how white text looks on a background with the XYZ color 35.7589, 36.6607,

36.6440.

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

35.7589, 36.6607, 36.6440

Protanopia

34.9425, 36.4905, 37.1000

Deuteranopia

37.3687, 36.7118, 37.0148



Tritanopia

37.2044, 36.7352, 43.6578

Trichromacy



Original Color

35.7589, 36.6607, 36.6440

Protanomaly

35.3683, 36.7100, 37.1199

Deuteranomaly

36.8440, 36.6956, 37.0394

Tritanomaly

36.6873, 36.7790, 41.2418

Monochromacy



Original Color

35.7589, 36.6607, 36.6440

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4666, 36.9831, 38.9874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7589, 36.6607, 36.6440 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, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 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, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.7589, 36.6607, 36.6440 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, 161, 156) }
```


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

```
.border{ border-color:rgb(172, 161, 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, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7589, 36.6607, 36.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 156) }
```

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

```
.background{ background-color: rgb(172,  
161, 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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