

Converting Colors

XYZ(36.1906, 37.4067, 40.7255)

Have a look what the booklet for
XYZ(36.1906, 37.4067, 40.7255)
contains.

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Color

**XYZ(36.2509, 37.3460,
40.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A3A5
RGB	169, 163, 165
RGB Percent	66%, 64%, 65%
CMY	0.3373, 0.3608, 0.3529
CMYK	0.00, 0.04, 0.02, 0.34
HSL	340°, 3%, 65%
HSV	340°, 4%, 66%
XYZ	36.2509, 37.3460, 40.8952
YIQ	165.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

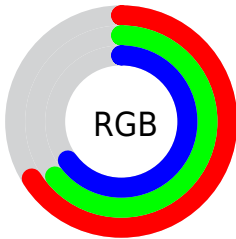
Format	Color
RYB	169, 163, 165
Decimal	11117477
CIELab	67.54, 2.53, -0.27
CIELCh	68, 2.548, 353.848
Yxy	37.3460, 0.3166, 0.3262
Android (android.graphics.Color)	4289307557 (0xFFA9A3A5)
YUV	165.0220, -0.0108, 3.4887
Hunter-Lab	61.1114, -1.0598, 3.1016

Details

The XYZ color **36.2509, 37.3460, 40.8952** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2687, 38.9534, 42.1683**, and the grayscale version is **35.7747, 37.6377, 40.9875**.

A 20% lighter version of the original color is **68.7301, 71.1574, 77.8224**, and **16.0012, 16.3430, 17.9340** is the 20% darker color. If you saturate the color by 10%, you get **32.4675, 31.3490, 34.7935**, and if you desaturate by 10%, it is **40.5279, 44.1844, 47.6085**.

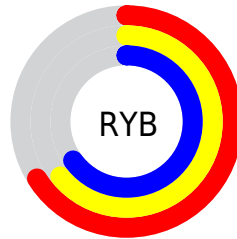
Distribution



Red (66%)

Green (64%)

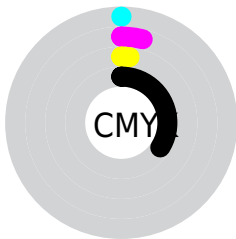
Blue (65%)



Red (66%)

Yellow (64%)

Blue (65%)

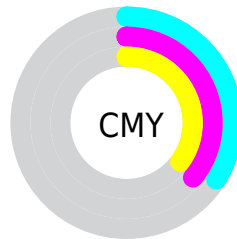


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2509, 37.3460, 40.8952 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 36.2509, 37.3460, 40.8952 by changing the saturation by 10% instead.

■ 36.2509, 37.3460,
40.8952

■ 36.2509, 37.3460,
40.8952

321.4680,
334.8061, 365.5461

■ 24.7990, 25.4755,
27.9181

■ 68.7405, 71.1046,
77.7767

■ 16.0553, 16.4317,
18.0254

■ 90.5089, 93.7615,
102.5182

■ 9.6544, 9.8301,
10.7986

116.4469,
120.7827, 132.0183

■ 5.2309, 5.2865,
5.8191

146.9199,
152.5525, 166.6955

■ 2.4195, 2.4163,
2.6684

182.2931,
189.4553, 206.9683

■ 0.8549, 0.8343,
0.9275

222.9320,

■ 0.0000, 0.0000,

231.8756, 253.2553

0.0000

269.2018,
280.1977, 305.9751

■ 36.2509, 37.3460,
40.8952

■ 36.2509, 37.3460,
40.8952

■ 32.4675, 31.3490,
34.7935

■ 40.5279, 44.1844,
47.6085

■ 29.1564, 26.1562,
29.2835

■ 45.3124, 51.8900,
54.9478

■ 26.2995, 21.7343,
24.3477

■ 50.6218, 60.4938,
62.9299

■ 23.8760, 18.0464,
19.9667

■ 56.4717, 70.0234,
71.5704

■ 21.8638, 15.0522,
16.1200

■ 62.8770, 80.5054,
80.8842

■ 20.2385, 12.7074,
12.7859

■ 66.7780, 85.8174,
89.8610

■ 18.9732, 10.9628,
9.9408

■ 68.4371, 86.4810,
98.5977

■ 18.0370, 9.7620,
7.5589

■ 70.1724, 87.1751,
107.7357

■ 17.3937, 9.0374,
5.6118

Harmonies

Analogous

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



36.1083, 37.3460, 41.9502



36.2509, 37.3460, 40.8952



36.1901, 37.3460, 39.7969

Triad

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



36.2509, 37.3460, 40.8952



35.1924, 37.3460, 38.7210



35.0535, 37.3460, 42.4314

Complementary

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



36.2509, 37.3460, 40.8952



36.2687, 38.9534, 42.1683

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.



34.8114, 37.3460, 41.5424



36.2509, 37.3460, 40.8952



34.8911, 37.3460, 39.4033

Square

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



36.2509, 37.3460, 40.8952



35.5771, 37.3460, 38.5549



34.7522, 37.3460, 40.4326



35.4155, 37.3460, 42.8475

Rectangle

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



36.2509, 37.3460, 40.8952



36.0426, 37.3460, 39.1864



34.7522, 37.3460, 40.4326



34.9555, 37.3460, 42.1772

Sweetspot

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



36.2520, 37.3476, 40.8960



66.7778, 69.8410, 76.1792



36.1962, 37.2762, 42.8239



14.5640, 15.2372, 16.6185



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.2520, 37.3476, 40.8960



64.5483, 66.2879, 72.6430



36.2497, 37.6318, 40.0053



8.0322, 8.2199, 9.0156



12.7544, 6.5105, 3.5184



0.3339, 0.1678, 0.2099

Inverse Universe

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



36.2520, 37.3476, 40.8960



64.5483, 66.2879, 72.6430



36.2695, 38.6574, 43.0866



8.0322, 8.2199, 9.0156



12.7544, 6.5105, 3.5184



0.3339, 0.1678, 0.2099

Previews

White Background



This preview shows how the XYZ color 36.2509, 37.3460, 40.8952 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 36.2509, 37.3460, 40.8952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

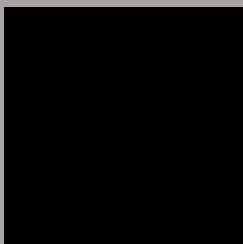
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

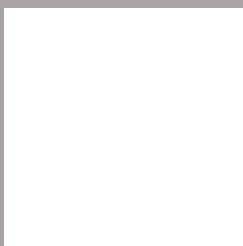
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2509, 37.3460, 40.8952

Background



This preview shows how black text looks on a background with the XYZ color 36.2509, 37.3460, 40.8952.



This preview shows how white text looks on a background with the XYZ color 36.2509, 37.3460,

40.8952.

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

36.2509, 37.3460, 40.8952

Protanopia

36.0033, 37.4830, 40.9347

Deuteranopia

38.1035, 37.2527, 41.2586



Tritanopia

37.1379, 37.4427, 45.3142

Trichromacy



Original Color

36.2509, 37.3460, 40.8952

Protanomaly

36.2154, 37.5924, 40.9446

Deuteranomaly

37.3582, 37.1249, 41.2732

Tritanomaly

36.8486, 37.3270, 43.7908

Monochromacy



Original Color

36.2509, 37.3460, 40.8952

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7929, 37.3745, 40.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2509, 37.3460, 40.8952 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(169, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(169, 163, 165)  
}
```

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(169, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 163, 165) }
```

Border

The CSS property to change the border of an element to XYZ 36.2509, 37.3460, 40.8952 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(169, 163, 165) }
```


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

```
.border{ border-color:rgb(169, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(169, 163,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2509, 37.3460, 40.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 163, 165) }
```

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

```
.background{ background-color: rgb(169,  
163, 165) }
```

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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