

Converting Colors

XYZ(37.5897, 39.5982, 46.4793)

Have a look what the booklet for
XYZ(37.5897, 39.5982, 46.4793)
contains.

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Color

**XYZ(37.5415, 39.5099,
46.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A9B0
RGB	165, 169, 176
RGB Percent	65%, 66%, 69%
CMY	0.3529, 0.3372, 0.3098
CMYK	0.06, 0.04, 0.00, 0.31
HSL	218°, 7%, 67%
HSV	218°, 6%, 69%
XYZ	37.5415, 39.5099, 46.7218
YIQ	168.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

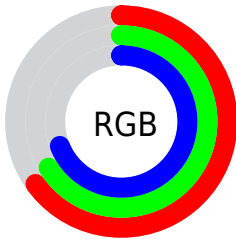
Format	Color
RYB	165, 168, 176
Decimal	10856880
CIELab	69.12, -0.04, -4.09
CIELCh	69, 4.095, 269.477
Yxy	39.5099, 0.3033, 0.3192
Android (android.graphics.Color)	4289046960 (0xFFA5A9B0)
YUV	168.6020, 3.6472, -3.1590
Hunter-Lab	62.8569, -3.3898, -0.0707

Details

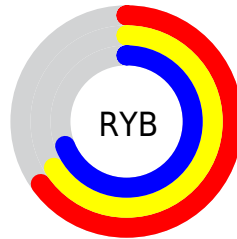
The XYZ color **37.5415, 39.5099, 46.7218** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4486, 41.4513, 41.5197**, and the grayscale version is **37.5007, 39.4537, 42.9651**.

A 20% lighter version of the original color is **70.7363, 74.3531, 86.9673**, and **16.8094, 17.6885, 21.5971** is the 20% darker color. If you saturate the color by 10%, you get **32.1355, 33.7633, 45.8981**, and if you desaturate by 10%, it is **43.6319, 45.8763, 47.6302**.

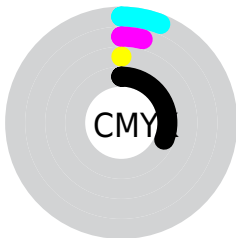
Distribution



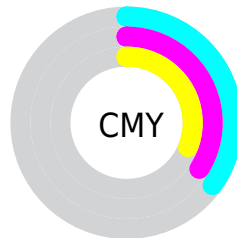
- Red (65%)
- Green (66%)
- Blue (69%)



- Red (65%)
- Yellow (66%)
- Blue (69%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5415, 39.5099, 46.7218 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 37.5415, 39.5099, 46.7218 by changing the saturation by 10% instead.

■ 37.5415, 39.5099,
46.7218

■ 37.5415, 39.5099,
46.7218

326.9640,
344.0535, 390.0645

■ 25.8026, 27.1566,
32.4630

■ 70.7133, 74.4166,
86.6438

■ 16.8079, 17.6909,
21.4477

■ 92.8769, 97.7389,
113.1442

■ 10.1921, 10.7283,
13.2572

119.2461,
125.4862, 144.5621

■ 5.5898, 5.8844,
7.4731

150.1863,
158.0431, 181.3161

■ 2.6355, 2.7749,
3.6768

186.0628,
195.7939, 223.8249

■ 0.9641, 1.0154,
1.4498

227.2411,

■ 0.0000, 0.0000,

239.1229, 272.5068

0.1801

274.0863,
288.4147, 327.7805

■ 0.0000, 0.0000,
0.0000

■ 37.5415, 39.5099,
46.7218

■ 37.5415, 39.5099,
46.7218

■ 32.1355, 33.7633,
45.8981

■ 43.6319, 45.8763,
47.6302

■ 27.3857, 28.6121,
45.1542

■ 50.4270, 52.8759,
48.6232

■ 23.2666, 24.0373,
44.4883

■ 57.9501, 60.5282,
49.7037

■ 19.7501, 20.0173,
43.8977

■ 66.2228, 68.8502,
50.8740

■ 16.8053, 16.5287,
43.3795

■ 75.2655, 77.8581,
52.1361

■ 14.3989, 13.5463,
42.9307

■ 79.1230, 84.4875,
53.2124

■ 12.4933, 11.0427,
42.5479

■ 82.4514, 91.1442,
54.3218

■ 11.0459, 8.9870,
42.2274

■ 84.8366, 95.9146,
55.1169

■ 10.0012, 7.3411,
41.9647

Harmonies

Analogous

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



36.9180, 39.5099, 46.1967



37.5415, 39.5099, 46.7218



38.1751, 39.5099, 46.2312

Triad

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



37.5415, 39.5099, 46.7218



38.6582, 39.5099, 41.2718



36.4802, 39.5099, 41.2165

Complementary

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



37.5415, 39.5099, 46.7218



39.4486, 41.4513, 41.5197

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.



36.9377, 39.5099, 39.9602



37.5415, 39.5099, 46.7218



38.1952, 39.5099, 39.9915

Square

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



37.5415, 39.5099, 46.7218



38.8244, 39.5099, 43.0524



37.5645, 39.5099, 39.5183



36.3096, 39.5099, 42.9867

Rectangle

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



37.5415, 39.5099, 46.7218



38.5169, 39.5099, 45.4020



37.5645, 39.5099, 39.5183



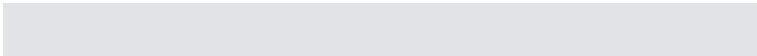
36.6053, 39.5099, 40.7220

Sweetspot

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



37.5426, 39.5116, 46.7227



72.5905, 76.3871, 85.4135



38.4862, 42.0279, 45.0973



15.7578, 16.5818, 18.5144



84.5950, 89.0005, 96.9216



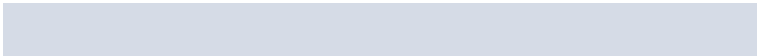
16.2198, 17.0645, 18.5832

Same Dimension

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



37.5426, 39.5116, 46.7227



67.1846, 70.7062, 84.6019



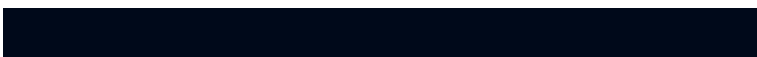
37.1161, 38.2030, 46.4926



8.5285, 8.9754, 10.7893



7.1483, 5.0970, 30.7440



0.2816, 0.2738, 0.9862

Inverse Universe

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



38.5219, 39.0057, 43.0367



69.1999, 69.6773, 77.0138



39.8921, 42.8280, 41.7620



8.7976, 8.8387, 9.7760



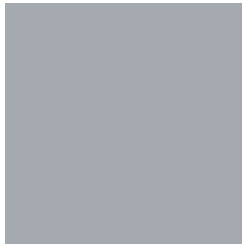
13.8428, 7.0547, 4.3321



0.4642, 0.2334, 0.2871

Previews

White Background



This preview shows how the XYZ color 37.5415, 39.5099, 46.7218 looks on a white background.

Color Contrast Check

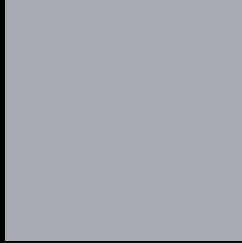
Large Text (above 18pt) WCAG AA × Fail

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 37.5415, 39.5099, 46.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

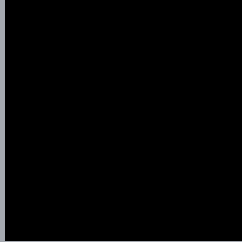
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

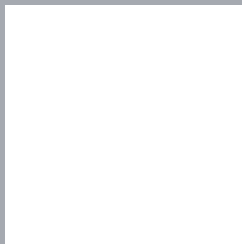
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5415, 39.5099, 46.7218

Background



This preview shows how black text looks on a background with the XYZ color 37.5415, 39.5099, 46.7218.



This preview shows how white text looks on a background with the XYZ color 37.5415, 39.5099,

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

37.5415, 39.5099, 46.7218

Protanopia

38.3181, 39.6465, 46.1904

Deuteranopia

40.2673, 39.5490, 47.1064



Tritanopia

38.0690, 39.4485, 49.3239

Trichromacy



Original Color

37.5415, 39.5099, 46.7218

Protanomaly

37.8889, 39.4252, 46.1703

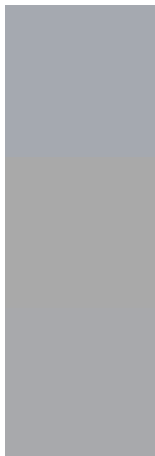
Deuteranomaly

39.2512, 39.5607, 47.1622

Tritanomaly

37.8652, 39.3669, 48.2507

Monochromacy



Original Color

37.5415, 39.5099, 46.7218

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.7828, 39.6793, 44.6972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5415, 39.5099, 46.7218 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(165, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 176)  
}
```

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(165, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 176) }
```

Border

The CSS property to change the border of an element to XYZ 37.5415, 39.5099, 46.7218 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(165, 169, 176) }
```


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

```
.border{ border-color:rgb(165, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(165, 169,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5415, 39.5099, 46.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 176) }
```

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

```
.background{ background-color: rgb(165,  
169, 176) }
```

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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