

Converting Colors

XYZ(36.3227, 39.9735, 48.4340)

Have a look what the booklet for
XYZ(36.3227, 39.9735, 48.4340)
contains.

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Color

**XYZ(36.4067, 40.0118,
48.4520)**

Conversions

Conversions Part 1	
Format	Color
Hex	9AADB3
RGB	154, 173, 179
RGB Percent	60%, 68%, 70%
CMY	0.3961, 0.3216, 0.2980
CMYK	0.14, 0.03, 0.00, 0.30
HSL	194°, 14%, 65%
HSV	194°, 14%, 70%
XYZ	36.4067, 40.0118, 48.4520
YIQ	168.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

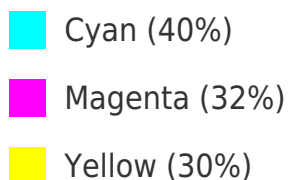
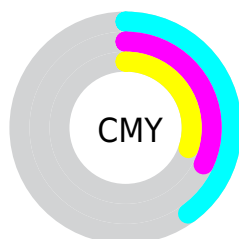
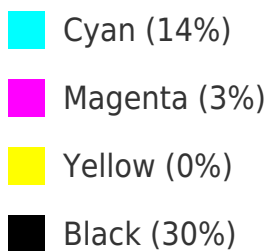
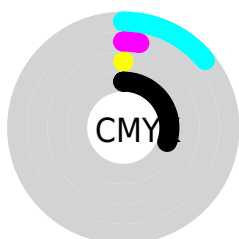
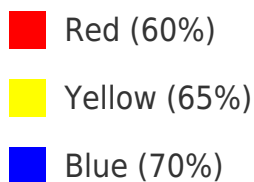
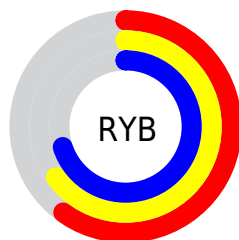
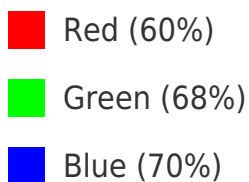
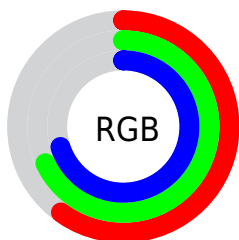
Format	Color
RYB	154, 165, 179
Decimal	10137011
CIELab	69.48, -5.32, -5.32
CIELCh	69, 7.519, 224.982
Yxy	40.0118, 0.2916, 0.3204
Android (android.graphics.Color)	4288327091 (0xFF9AADB3)
YUV	168.0030, 5.4215, -12.2806
Hunter-Lab	63.2549, -7.9594, -1.1366

Details

The XYZ color **36.4067, 40.0118, 48.4520** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9943, 37.0584, 35.7759**, and the grayscale version is **37.2007, 39.1381, 42.6214**.

A 20% lighter version of the original color is **69.0333, 75.0403, 89.4430**, and **16.1968, 18.0647, 22.3718** is the 20% darker color. If you saturate the color by 10%, you get **32.4406, 36.7653, 48.0350**, and if you desaturate by 10%, it is **40.9096, 43.5764, 48.9033**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4067, 40.0118, 48.4520 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 36.4067, 40.0118, 48.4520 by changing the saturation by 10% instead.


 36.4067, 40.0118,
48.4520


 36.4067, 40.0118,
48.4520


322.1350,
346.1733, 397.1412

 24.9200, 27.5477,
33.8224


 68.9791, 75.1815,
89.2496

 16.1459, 17.9850,
22.4810

 90.7956, 98.6559,
116.2546

 9.7190, 10.9392,
14.0090


116.7860,
126.5692, 148.2219

 5.2738, 6.0260,
7.9881

147.3157,
159.3059, 185.5701

 2.4452, 2.8609,
3.9997

182.7501,
197.2502, 228.7175

 0.8677, 1.0595,
1.6252


223.4546,


 0.0000, 0.0000,


240.7866, 278.0828


0.3087


269.7944,
290.2995, 334.0845


 0.0000, 0.0000,
0.0000


 36.4067, 40.0118,
48.4520

 36.4067, 40.0118,
48.4520


 32.4406, 36.7653,
48.0350


 40.9096, 43.5764,
48.9033


 28.9853, 33.8200,
47.6487


 45.9672, 47.4656,
49.3875


 26.0174, 31.1647,
47.2925

 51.6007, 51.6916,
49.9063

 23.5108, 28.7852,
46.9654

 57.8290, 56.2647,
50.4607

 21.4363, 26.6663,
46.6657

 64.6705, 61.1946,
51.0517

■ 19.7614, 24.7909,
46.3920

■ 69.7473, 65.2558,
51.5680

■ 18.4490, 23.1393,
46.1424

■ 70.7480, 67.2570,
51.9015

■ 17.4540, 21.6881,
45.9147

■ 71.7767, 69.3144,
52.2444

■ 16.9490, 20.8791,
45.7852

■ 72.8337, 71.4285,
52.5968

Harmonies

Analogous

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



35.8248, 40.0118, 45.3128



36.4067, 40.0118, 48.4520



37.4299, 40.0118, 50.3294

Triad

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



36.4067, 40.0118, 48.4520



40.3236, 40.0118, 45.3169



37.4312, 40.0118, 37.4365

Complementary

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



36.4067, 40.0118, 48.4520



36.9943, 37.0584, 35.7759

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.



38.6366, 40.0118, 37.4375



36.4067, 40.0118, 48.4520



40.3240, 40.0118, 41.8647

Square

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



36.4067, 40.0118, 48.4520



39.6998, 40.0118, 48.4551



39.7009, 40.0118, 39.0201



36.4077, 40.0118, 39.0174

Rectangle

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



36.4067, 40.0118, 48.4520



38.2326, 40.0118, 50.5528



39.7009, 40.0118, 39.0201



37.8282, 40.0118, 37.2547

Sweetspot

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



36.4079, 40.0135, 48.4529



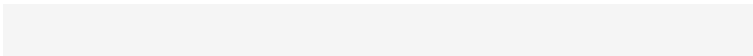
73.1802, 77.9754, 87.5749



35.7779, 41.6432, 39.3344



16.0720, 17.1653, 19.3884



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.4079, 40.0135, 48.4529



62.7406, 69.6685, 86.5218



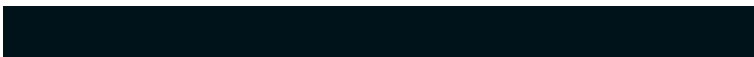
34.1506, 35.4989, 47.7005



8.5665, 9.2792, 10.8459



12.0291, 14.8586, 32.3710



0.4203, 0.5512, 1.0325

Inverse Universe

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



37.6898, 35.7130, 44.4438



65.5404, 60.4335, 77.7302



39.2399, 41.5496, 36.5244



8.7611, 8.6112, 10.2405



16.3064, 8.0401, 17.3052



0.5342, 0.2614, 0.6557

Previews

White Background



This preview shows how the XYZ color 36.4067, 40.0118, 48.4520 looks on a white background.

Color Contrast Check

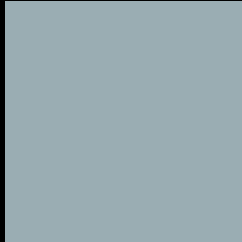
Large Text (above 18pt) WCAG AA × Fail

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 36.4067, 40.0118, 48.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

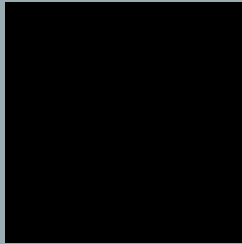
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

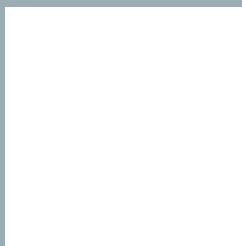
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4067, 40.0118, 48.4520

Background



This preview shows how black text looks on a background with the XYZ color 36.4067, 40.0118, 48.4520.



This preview shows how white text looks on a background with the XYZ color 36.4067, 40.0118,

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

36.4067, 40.0118, 48.4520

Protanopia

38.4167, 39.6859, 46.7097

Deuteranopia

40.8517, 40.0702, 49.2973



Tritanopia

37.1330, 40.0188, 52.2217

Trichromacy



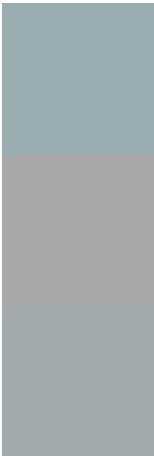
Original Color
36.4067, 40.0118, 48.4520

Protanomaly
37.6204, 39.8163, 47.2975

Deuteranomaly
39.0354, 39.9585, 48.8354

Tritanomaly
36.8173, 39.8925, 50.5593

Monochromacy



Original Color
36.4067, 40.0118, 48.4520

Achromatopsia
37.2190, 39.1572, 42.6422

Achromatomaly
36.9254, 39.5145, 44.7106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4067, 40.0118, 48.4520 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(154, 173, 179) looks like.

```
.text, #text, p{  
    color:rgb(154, 173, 179)  
}
```

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(154, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 173, 179) }
```

Border

The CSS property to change the border of an element to XYZ 36.4067, 40.0118, 48.4520 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(154, 173, 179) }
```


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

```
.border{ border-color:rgb(154, 173, 179) }
```

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

Here you see how a box with a 4 pixel rgb(154, 173, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(154, 173,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4067, 40.0118, 48.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 173, 179) }
```

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

```
.background{ background-color: rgb(154,  
173, 179) }
```

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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