

Converting Colors

XYZ(39.3987, 48.0088, 34.3685)

Have a look what the booklet for
XYZ(39.3987, 48.0088, 34.3685)
contains.

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Color

**XYZ(39.3625, 48.0018,
34.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C192
RGB	163, 193, 146
RGB Percent	64%, 76%, 57%
CMY	0.3608, 0.2431, 0.4274
CMYK	0.16, 0.00, 0.24, 0.24
HSL	98°, 27%, 66%
HSV	98°, 24%, 76%
XYZ	39.3625, 48.0018, 34.3848
YIQ	178.6720, -2.7930, -20.9770

Conversions

Conversions Part 2

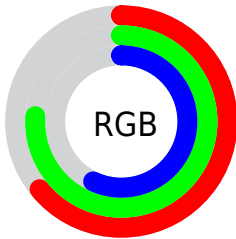
Format	Color
RYB	146, 193, 176
Decimal	10731922
CIELab	74.83, -18.80, 20.40
CIELCh	75, 27.741, 132.660
Yxy	48.0018, 0.3233, 0.3943
Android (android.graphics.Color)	4288922002 (0xFFA3C192)
YUV	178.6720, -16.1073, -13.7443
Hunter-Lab	69.2833, -19.8332, 19.0731

Details

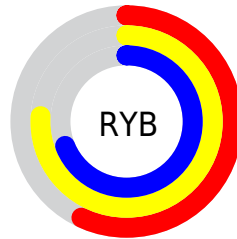
The XYZ color **39.3625, 48.0018, 34.3848** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.8111, 33.6396, 54.9549**, and the grayscale version is **42.7583, 44.9850, 48.9887**.

A 20% lighter version of the original color is **73.5244, 87.4468, 67.6473**, and **17.8537, 22.6710, 14.2614** is the 20% darker color. If you saturate the color by 10%, you get **35.5855, 46.2152, 27.0216**, and if you desaturate by 10%, it is **43.6413, 50.0207, 43.0965**.

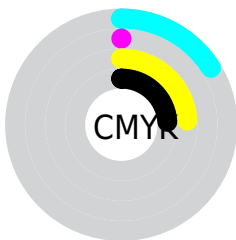
Distribution



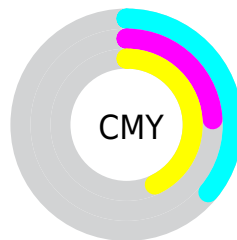
- Red (64%)
- Green (76%)
- Blue (57%)



- Red (57%)
- Yellow (76%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3625, 48.0018, 34.3848 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 39.3625, 48.0018, 34.3848 by changing the saturation by 10% instead.


 39.3625, 48.0018,
34.3848


 39.3625, 48.0018,
34.3848


334.6099,
378.7993, 336.6659

 27.2238, 33.8283,
22.9096


 73.4823, 87.2071,
67.6723

 17.8789, 22.7617,
14.3221


 96.1941, 113.0077,
90.3218

 10.9622, 14.4177,
8.2037

123.1611,
143.4527, 117.5331

 6.1085, 8.4117,
4.1360

154.7485,
178.9267, 149.7247

 2.9525, 4.3595,
1.7002

191.3218,
219.8139, 187.3153

 1.1287, 1.8766,
0.3609

233.2462,

 0.0489, 0.5343,

266.4988, 230.7233

0.0000

280.8871,
319.3658, 280.3673

■ 0.0000, 0.0000,
0.0000

■ 39.3625, 48.0018,
34.3848

■ 39.3625, 48.0018,
34.3848

■ 35.5855, 46.2152,
27.0216

■ 43.6413, 50.0207,
43.0965

■ 32.2868, 44.6459,
20.9366

■ 48.4368, 52.2738,
53.2163

■ 29.4466, 43.2868,
16.0575

■ 53.7676, 54.7710,
64.8039

■ 27.0419, 42.1277,
12.3039

■ 59.6505, 57.5196,
77.9145

■ 25.0475, 41.1577,
9.5854

■ 66.1013, 60.5268,
92.6008

■ 23.4352, 40.3644,
7.7976

■ 72.0202, 63.3531,
103.0402

■ 22.1718, 39.7336,
6.8143

■ 76.2746, 65.5464,
103.2393

■ 21.5824, 39.4366,
6.4745

■ 78.3610, 66.6219,
103.3370

Harmonies

Analogous

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



43.5315, 48.0018, 29.5790



39.3625, 48.0018, 34.3848



36.9784, 48.0018, 44.4167

Triad

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



39.3625, 48.0018, 34.3848



42.7943, 48.0018, 83.5161



55.7565, 48.0018, 46.4115

Complementary

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



39.3625, 48.0018, 34.3848



37.8111, 33.6396, 54.9549

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.



55.5225, 48.0018, 60.9891



39.3625, 48.0018, 34.3848



47.7831, 48.0018, 84.3210

Square

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



39.3625, 48.0018, 34.3848



38.8571, 48.0018, 73.4383



52.5172, 48.0018, 75.4688



53.1347, 48.0018, 35.6123

Rectangle

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



39.3625, 48.0018, 34.3848



36.6056, 48.0018, 53.5655



52.5172, 48.0018, 75.4688



56.0145, 48.0018, 50.9873

Sweetspot

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



39.3638, 48.0039, 34.3858



84.2846, 92.4628, 90.0522



42.6622, 44.3740, 33.5114



17.9679, 19.7828, 19.0772



92.9021, 97.7402, 106.4391



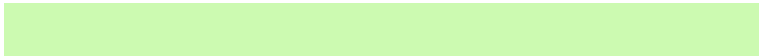
19.4759, 20.4902, 22.3138

Same Dimension

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



39.3638, 48.0039, 34.3858



66.9360, 84.2869, 54.5606



36.6149, 46.5289, 36.8725



10.2806, 11.4321, 10.7266



14.4345, 26.2701, 4.3099



0.6995, 1.1741, 0.1898

Inverse Universe

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



37.8111, 33.6396, 54.9549



63.6913, 54.3078, 97.4858



41.2142, 35.4730, 51.5412



10.1326, 10.0595, 12.6925



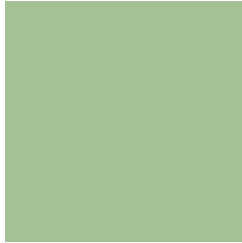
11.9443, 5.4179, 33.9728



0.5893, 0.2718, 1.4713

Previews

White Background



This preview shows how the XYZ color 39.3625, 48.0018, 34.3848 looks on a white background.

Color Contrast Check

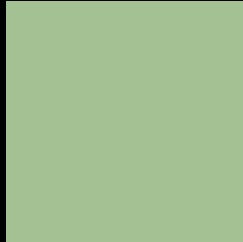
Large Text (above 18pt) WCAG AA × Fail

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 39.3625, 48.0018, 34.3848 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 39.3625, 48.0018, 34.3848

Background



This preview shows how black text looks on a background with the XYZ color 39.3625, 48.0018, 34.3848.



This preview shows how white text looks on a background with the XYZ color 39.3625, 48.0018,

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

39.3625, 48.0018, 34.3848

Protanopia

44.5809, 47.5557, 32.4207

Deuteranopia

48.5875, 47.7603, 35.0916



Tritanopia

44.8961, 47.9928, 62.1556

Trichromacy



Original Color

39.3625, 48.0018, 34.3848

Protanomaly

42.4954, 47.7142, 32.9566

Deuteranomaly

44.7845, 47.6072, 34.8457

Tritanomaly

42.6865, 48.0562, 50.7420

Monochromacy



Original Color

39.3625, 48.0018, 34.3848

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.3491, 45.9552, 43.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3625, 48.0018, 34.3848 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(163, 193, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 193, 146)  
}
```

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(163, 193, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 193, 146) }
```

Border

The CSS property to change the border of an element to XYZ 39.3625, 48.0018, 34.3848 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(163, 193, 146) }
```


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

```
.border{ border-color:rgb(163, 193, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 193, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 193, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 193, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 193,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3625, 48.0018, 34.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 193, 146) }
```

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

```
.background{ background-color: rgb(163,  
193, 146) }
```

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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