

Converting Colors

XYZ(42.0593, 47.6652, 39.3313)

Have a look what the booklet for
XYZ(42.0593, 47.6652, 39.3313)
contains.

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Color

**XYZ(42.0593, 47.6652,
39.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BC9E
RGB	176, 188, 158
RGB Percent	69%, 74%, 62%
CMY	0.3098, 0.2627, 0.3804
CMYK	0.06, 0.00, 0.16, 0.26
HSL	84°, 18%, 68%
HSV	84°, 16%, 74%
XYZ	42.0593, 47.6652, 39.3313
YIQ	180.9920, 2.4780, -11.8740

Conversions

Conversions Part 2

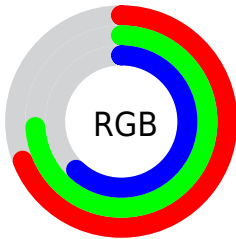
Format	Color
RYB	158, 188, 170
Decimal	11582622
CIELab	74.61, -9.56, 13.79
CIELCh	75, 16.780, 124.719
Yxy	47.6652, 0.3259, 0.3693
Android (android.graphics.Color)	4289772702 (0xFFB0BC9E)
YUV	180.9920, -11.3351, -4.3780
Hunter-Lab	69.0400, -12.0774, 14.5511

Details

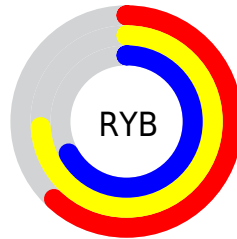
The XYZ color **42.0593, 47.6652, 39.3313** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8834, 36.6319, 52.6535**, and the grayscale version is **43.9762, 46.2664, 50.3841**.

A 20% lighter version of the original color is **77.6396, 86.6613, 75.5860**, and **19.4862, 22.6004, 17.2452** is the 20% darker color. If you saturate the color by 10%, you get **38.9098, 46.2159, 31.3730**, and if you desaturate by 10%, it is **45.5533, 49.2663, 48.6000**.

Distribution



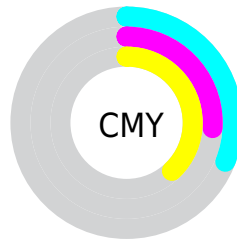
- Red (69%)
- Green (74%)
- Blue (62%)



- Red (62%)
- Yellow (74%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0593, 47.6652, 39.3313 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 42.0593, 47.6652, 39.3313 by changing the saturation by 10% instead.

■ 42.0593, 47.6652,
39.3313

■ 42.0593, 47.6652,
39.3313

345.7161,
377.4635, 358.7649

■ 29.3390, 33.5618,
26.7077

■ 77.5540, 86.7057,
75.3701

■ 19.4830, 22.5572,
17.1234

■ 101.0591,
112.4116, 99.6224

■ 12.1259, 14.2669,
10.1596

128.8899,
142.7539, 128.5880

■ 6.9023, 8.3065,
5.3979

161.4117,
178.1168, 162.6855

■ 3.4468, 4.2917,
2.4198

198.9898,
218.8849, 202.3334

■ 1.3942, 1.8380,
0.7972

241.9897,

■ 0.2521, 0.5107,

265.4424, 247.9502

0.0000

290.7767,
318.1738, 299.9546

■ 0.0000, 0.0000,
0.0000

■ 42.0593, 47.6652,
39.3313

■ 42.0593, 47.6652,
39.3313

■ 38.9098, 46.2159,
31.3730

■ 45.5533, 49.2663,
48.6000

■ 36.0881, 44.9068,
24.6629

■ 49.3998, 51.0180,
59.2314

■ 33.5819, 43.7346,
19.1383


■ 53.6116, 52.9269,
71.2787


■ 31.3766, 42.6929,
14.7300


■ 58.1993, 54.9976,
84.7914

■ 29.4558, 41.7753,
11.3613


■ 63.1732, 57.2344,
99.8164

 27.8017, 40.9743,
8.9463


 65.8930, 58.5812,
102.4421


 26.3935, 40.2815,
7.3848

 68.2367, 59.7894,
102.5518

 25.2053, 39.6862,
6.5499

 70.6844, 61.0512,
102.6663

 24.7669, 39.4650,
6.3122

 73.2372, 62.3673,
102.7858

Harmonies

Analogous

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



44.8257, 47.6652, 36.9531



42.0593, 47.6652, 39.3313



40.2268, 47.6652, 45.0800

Triad

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



42.0593, 47.6652, 39.3313



42.8561, 47.6652, 68.5370



51.3766, 47.6652, 50.5357

Complementary

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



42.0593, 47.6652, 39.3313



37.8834, 36.6319, 52.6535

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.



50.7921, 47.6652, 59.3738



42.0593, 47.6652, 39.3313



45.7864, 47.6652, 70.4136

Square

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



42.0593, 47.6652, 39.3313



40.6722, 47.6652, 62.0186



48.7121, 47.6652, 66.8944



50.2755, 47.6652, 42.9454

Rectangle

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



42.0593, 47.6652, 39.3313



39.7350, 47.6652, 50.3752



48.7121, 47.6652, 66.8944



51.3711, 47.6652, 53.4539

Sweetspot

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



42.0606, 47.6673, 39.3323



83.1394, 89.5502, 89.6647



41.2871, 41.9111, 38.2620



17.7778, 19.2113, 19.0077



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.0606, 47.6673, 39.3323



74.2423, 85.4741, 66.1856



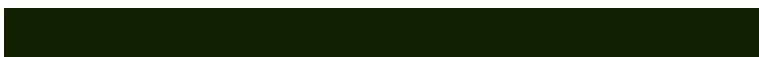
38.8542, 46.0143, 39.1823



9.9428, 10.9249, 10.1613



16.9473, 26.9125, 4.3014



0.7358, 1.0913, 0.1719

Inverse Universe

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



37.8834, 36.6319, 52.6535



65.2955, 61.8362, 94.7203



41.3133, 38.4001, 52.8140



9.3681, 9.4066, 11.9941



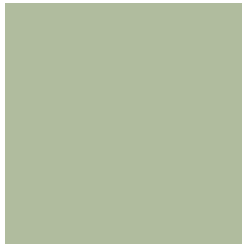
8.2463, 3.5372, 32.6410



0.3971, 0.1768, 1.2820

Previews

White Background



This preview shows how the XYZ color 42.0593, 47.6652, 39.3313 looks on a white background.

Color Contrast Check

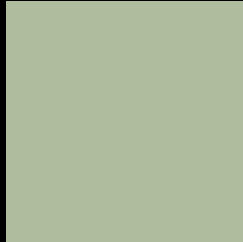
Large Text (above 18pt) WCAG AA × Fail

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 42.0593, 47.6652, 39.3313 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

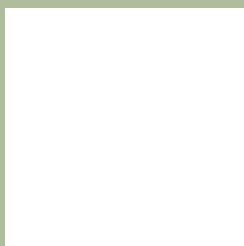
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0593, 47.6652, 39.3313

Background



This preview shows how black text looks on a background with the XYZ color 42.0593, 47.6652, 39.3313.



This preview shows how white text looks on a background with the XYZ color 42.0593, 47.6652,

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

42.0593, 47.6652, 39.3313

Protanopia

44.8422, 47.5710, 37.8290

Deuteranopia

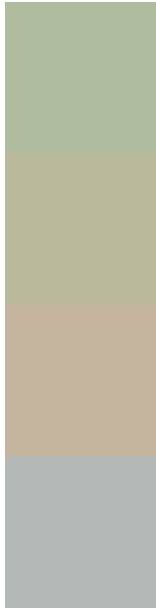
48.3618, 47.5377, 39.8844



Tritanopia

46.3029, 47.8433, 59.6176

Trichromacy



Original Color

42.0593, 47.6652, 39.3313

Protanomaly

43.8432, 47.6630, 38.3416

Deuteranomaly

45.8078, 47.4213, 39.5398

Tritanomaly

44.7186, 47.8201, 51.6730

Monochromacy



Original Color

42.0593, 47.6652, 39.3313

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.2737, 46.8818, 46.3035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0593, 47.6652, 39.3313 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(176, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 188, 158)  
}
```

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(176, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 188, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.0593, 47.6652, 39.3313 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(176, 188, 158) }
```


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

```
.border{ border-color:rgb(176, 188, 158) }
```

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

Here you see how a box with a 4 pixel rgb(176, 188, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 188,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0593, 47.6652, 39.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 188, 158) }
```

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

```
.background{ background-color: rgb(176,  
188, 158) }
```

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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