

Converting Colors

XYZ(48.0695, 58.0666, 39.8901)

Have a look what the booklet for
XYZ(48.0695, 58.0666, 39.8901)
contains.

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Color

**XYZ(48.0083, 57.9126,
39.6583)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D19B
RGB	182, 209, 155
RGB Percent	71%, 82%, 61%
CMY	0.2863, 0.1804, 0.3921
CMYK	0.13, 0.00, 0.26, 0.18
HSL	90°, 37%, 71%
HSV	90°, 26%, 82%
XYZ	48.0083, 57.9126, 39.6583
YIQ	194.7710, 1.2420, -22.5180

Conversions

Conversions Part 2

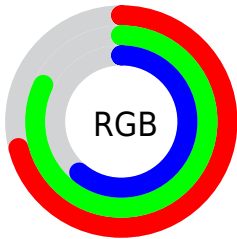
Format	Color
RYB	155, 209, 182
Decimal	11981211
CIELab	80.69, -18.57, 23.88
CIELCh	81, 30.250, 127.878
Yxy	57.9126, 0.3298, 0.3978
Android (android.graphics.Color)	4290171291 (0xFFB6D19B)
YUV	194.7710, -19.6071, -11.2002
Hunter-Lab	76.1003, -20.5679, 22.3723

Details

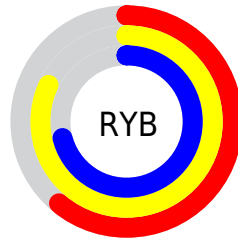
The XYZ color **48.0083, 57.9126, 39.6583** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.5237, 37.9928, 65.4169**, and the grayscale version is **51.8493, 54.5495, 59.4044**.

A 20% lighter version of the original color is **82.6528, 94.3503, 74.8279**, and **23.2228, 29.0891, 17.2227** is the 20% darker color. If you saturate the color by 10%, you get **44.0264, 56.0472, 31.0891**, and if you desaturate by 10%, it is **52.4814, 59.9996, 49.8387**.

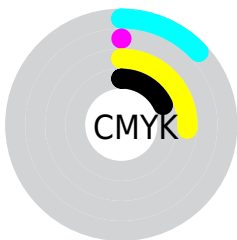
Distribution



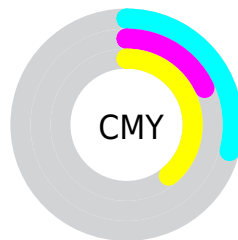
- Red (71%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (29%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0083, 57.9126, 39.6583 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 48.0083, 57.9126, 39.6583 by changing the saturation by 10% instead.


 48.0083, 57.9126,
39.6583


 48.0083, 57.9126,
39.6583

369.4071,
416.8602, 360.1904

 34.0447, 41.7384,
26.9605


 86.4264, 101.7956,
75.8743

 23.0910, 28.8965,
17.3114


 111.6116,
130.2731, 100.2295

 14.7818, 19.0025,
10.2924


141.2681,
163.6206, 129.3077

 8.7517, 11.6721,
5.4851

175.7612,
202.2223, 163.5272

 4.6354, 6.5208,
2.4710

215.4563,
246.4628, 203.3067

 2.0675, 3.1643,
0.8247

260.7188,

 0.6715, 1.2181,

296.7263, 249.0647

0.0000

311.9139,
353.3973, 301.2198

■ 0.0000, 0.0764,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.0083, 57.9126,
39.6583

■ 48.0083, 57.9126,
39.6583

■ 44.0264, 56.0472,
31.0891

■ 52.4814, 59.9996,
49.8387

■ 40.5114, 54.3874,
24.0448

■ 57.4594, 62.3084,
61.7033

■ 37.4437, 52.9269,
18.4366

■ 62.9613, 64.8490,
75.3250

■ 34.8001, 51.6559,
14.1652

■ 69.0035, 67.6282,
90.7716

■ 32.5550, 50.5636,
11.1183

■ 74.8678, 70.3593,
104.2425

■ 30.6790, 49.6377,
9.1657

■ 78.4062, 72.1834,
104.4081

■ 29.1366, 48.8636,
8.1457

■ 82.0917, 74.0833,
104.5806

■ 28.5679, 48.5759,
7.8704

Harmonies

Analogous

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



53.4176, 57.9126, 34.8005



48.0083, 57.9126, 39.6583



44.6708, 57.9126, 50.9939

Triad

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



48.0083, 57.9126, 39.6583



50.6529, 57.9126, 100.5007



67.7907, 57.9126, 58.4681

Complementary

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



48.0083, 57.9126, 39.6583



42.5237, 37.9928, 65.4169

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.



66.9107, 57.9126, 76.8866



48.0083, 57.9126, 39.6583



56.7034, 57.9126, 103.5365

Square

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



48.0083, 57.9126, 39.6583



46.1154, 57.9126, 86.5677



62.7360, 57.9126, 94.2167



65.0569, 57.9126, 44.2423

Rectangle

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



48.0083, 57.9126, 39.6583



43.9146, 57.9126, 61.7946



62.7360, 57.9126, 94.2167



67.9113, 57.9126, 64.3364

Sweetspot

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



48.0098, 57.9151, 39.6596



88.2838, 96.8714, 92.3396



48.9411, 49.3799, 37.9630



18.6369, 20.6142, 19.1410



0.0000, 0.0000, 0.0000



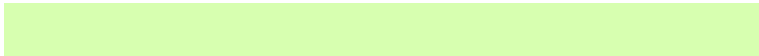
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0098, 57.9151, 39.6596



71.7544, 89.1711, 54.4782



42.2362, 54.9387, 39.3894



12.2113, 13.4924, 12.5727



17.7269, 30.0075, 4.8577



1.0827, 1.7250, 0.2759

Inverse Universe

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



42.5237, 37.9928, 65.4169



61.7307, 52.7707, 101.5400



49.5268, 41.6030, 65.7446



11.7188, 11.7039, 14.8851



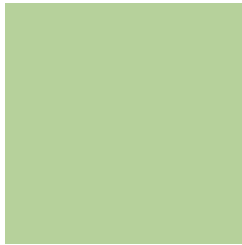
10.7662, 4.7305, 37.5381



0.6935, 0.3117, 2.1032

Previews

White Background



This preview shows how the XYZ color 48.0083, 57.9126, 39.6583 looks on a white background.

Color Contrast Check

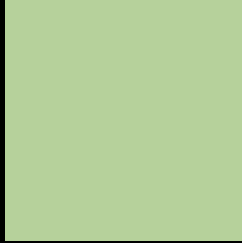
Large Text (above 18pt) WCAG AA × Fail

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 48.0083, 57.9126, 39.6583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

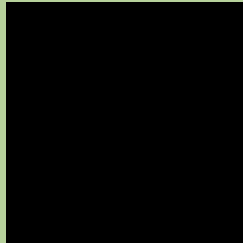
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0083, 57.9126, 39.6583

Background



This preview shows how black text looks on a background with the XYZ color 48.0083, 57.9126, 39.6583.



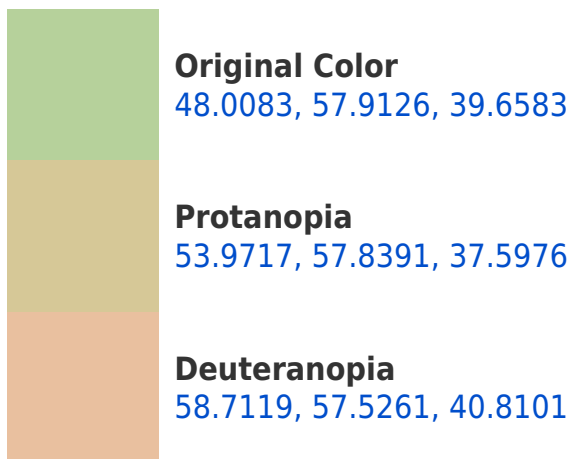
This preview shows how white text looks on a background with the XYZ color 48.0083, 57.9126, 39.6583.

39.6583.

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





Tritanopia

54.8969, 57.8594, 73.9202

Trichromacy



Original Color

48.0083, 57.9126, 39.6583

Protanomaly

51.3806, 57.5354, 38.1032

Deuteranomaly

54.0972, 57.1529, 40.5281

Tritanomaly

52.0695, 57.7721, 59.4457

Monochromacy



Original Color

48.0083, 57.9126, 39.6583

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.1277, 55.5510, 51.2604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0083, 57.9126, 39.6583 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(182, 209, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 155)  
}
```

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(182, 209, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 155) }
```

Border

The CSS property to change the border of an element to XYZ 48.0083, 57.9126, 39.6583 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(182, 209, 155) }
```


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

```
.border{ border-color:rgb(182, 209, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0083, 57.9126, 39.6583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 155) }
```

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

```
.background{ background-color: rgb(182,  
209, 155) }
```

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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