

Converting Colors

XYZ(48.2736, 59.0419, 38.9889)

Have a look what the booklet for
XYZ(48.2736, 59.0419, 38.9889)
contains.

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Color

**XYZ(48.3493, 59.2106,
39.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D499
RGB	181, 212, 153
RGB Percent	71%, 83%, 60%
CMY	0.2902, 0.1686, 0.4000
CMYK	0.15, 0.00, 0.28, 0.17
HSL	92°, 41%, 72%
HSV	92°, 28%, 83%
XYZ	48.3493, 59.2106, 39.0175
YIQ	196.0050, 0.4630, -24.9210

Conversions

Conversions Part 2

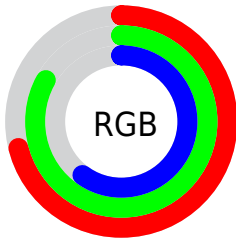
Format	Color
RYB	153, 212, 184
Decimal	11916441
CIELab	81.41, -20.72, 25.89
CIElCh	81, 33.159, 128.679
Yxy	59.2106, 0.3299, 0.4040
Android (android.graphics.Color)	4290106521 (0xFFB5D499)
YUV	196.0050, -21.2015, -13.1594
Hunter-Lab	76.9484, -22.5021, 23.8003

Details

The XYZ color **48.3493, 59.2106, 39.0175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.0445, 37.7279, 67.3041**, and the grayscale version is **52.5966, 55.3358, 60.2606**.

A 20% lighter version of the original color is **82.0702, 94.0786, 73.5079**, and **23.1583, 29.5656, 16.7981** is the 20% darker color. If you saturate the color by 10%, you get **44.2434, 57.2804, 30.4830**, and if you desaturate by 10%, it is **52.9783, 61.3781, 49.2029**.

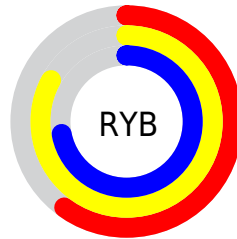
Distribution



Red (71%)

Green (83%)

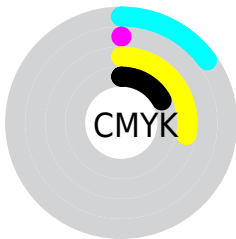
Blue (60%)



Red (60%)

Yellow (83%)

Blue (72%)

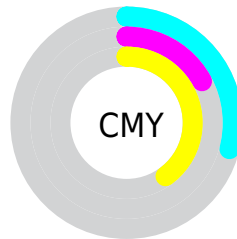


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (17%)



Cyan (29%)


Magenta (17%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3493, 59.2106, 39.0175 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 48.3493, 59.2106, 39.0175 by changing the saturation by 10% instead.

 48.3493, 59.2106,
39.0175


 48.3493, 59.2106,
39.0175

370.7346,
421.6819, 357.3931

 34.3160, 42.7827,
26.4654


 86.9308, 103.6837,
74.8857

 23.3005, 29.7146,
16.9433


 112.2097,
132.4976, 99.0389

 14.9375, 19.6221,
10.0325


141.9678,
166.2091, 127.8961

 8.8615, 12.1206,
5.3146

176.5706,
205.2023, 161.8761

 4.7074, 6.8259,
2.3711

216.3833,
249.8619, 201.3972

 2.1096, 3.3535,
0.7706

261.7713,

 0.6944, 1.3189,

300.5720, 246.8780

0.0000

313.0999,
357.7173, 298.7371

■ 0.0000, 0.1558,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.3493, 59.2106,
39.0175

■ 48.3493, 59.2106,
39.0175

■ 44.2434, 57.2804,
30.4830

■ 52.9783, 61.3781,
49.2029

■ 40.6347, 55.5707,
23.5085

■ 58.1459, 63.7838,
61.1158

■ 37.5016, 54.0742,
18.0004

■ 63.8722, 66.4381,
74.8329

■ 34.8191, 52.7803,
13.8534

■ 70.1752, 69.3488,
90.4250

■ 32.5590, 51.6772,
10.9479

■ 76.4202, 72.2626,
104.5280

■ 30.6891, 50.7512,
9.1440

■ 80.2500, 74.2369,
104.7073

■ 29.1656, 49.9842,
8.2428

■ 82.8347, 75.5694,
104.8282

■ 28.8672, 49.8332,
8.0973

Harmonies

Analogous

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



54.2898, 59.2106, 33.6086



48.3493, 59.2106, 39.0175



44.7479, 59.2106, 51.5582

Triad

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



48.3493, 59.2106, 39.0175



51.5675, 59.2106, 106.9885



70.5152, 59.2106, 58.8780

Complementary

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



48.3493, 59.2106, 39.0175



43.0445, 37.7279, 67.3041

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.



69.6356, 59.2106, 79.3760



48.3493, 59.2106, 39.0175



58.3140, 59.2106, 110.0684

Square

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



48.3493, 59.2106, 39.0175



46.4971, 59.2106, 91.4017



65.0291, 59.2106, 99.1133



67.3423, 59.2106, 43.4285

Rectangle

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



48.3493, 59.2106, 39.0175



43.9722, 59.2106, 63.5936



65.0291, 59.2106, 99.1133



70.6886, 59.2106, 65.3549

Sweetspot

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



48.3508, 59.2132, 39.0188



88.1033, 96.7784, 92.3312



49.9368, 50.3659, 37.2275



18.5914, 20.5908, 19.1389



0.0000, 0.0000, 0.0000



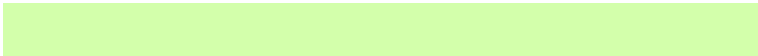
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3508, 59.2132, 39.0188



69.8979, 88.2712, 51.8072



42.5134, 56.1945, 39.1714



12.8173, 14.1820, 13.2226



17.9342, 30.8218, 5.0040



1.1769, 1.9081, 0.3063

Inverse Universe

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



43.0445, 37.7279, 67.3041



60.6290, 50.7466, 101.2073



50.3049, 41.4851, 66.9982



12.3592, 12.3265, 15.6654



11.5311, 5.0970, 38.8292



0.7908, 0.3566, 2.3465

Previews

White Background



This preview shows how the XYZ color 48.3493, 59.2106, 39.0175 looks on a white background.

Color Contrast Check

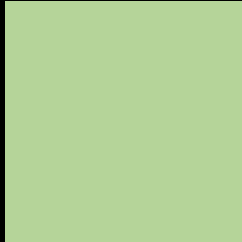
Large Text (above 18pt) WCAG AA × Fail

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 48.3493, 59.2106, 39.0175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

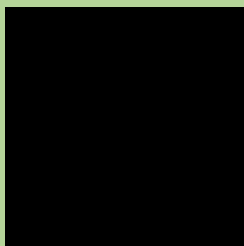
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

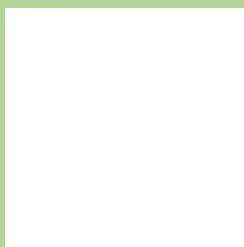
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3493, 59.2106, 39.0175

Background



This preview shows how black text looks on a background with the XYZ color 48.3493, 59.2106, 39.0175.



This preview shows how white text looks on a background with the XYZ color 48.3493, 59.2106,

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

48.3493, 59.2106, 39.0175

Protanopia

55.0811, 59.1309, 36.5273

Deuteranopia

59.9697, 58.8508, 40.0969



Tritanopia

55.7601, 58.9555, 76.1508

Trichromacy



Original Color

48.3493, 59.2106, 39.0175

Protanomaly

52.4782, 59.1820, 37.5115

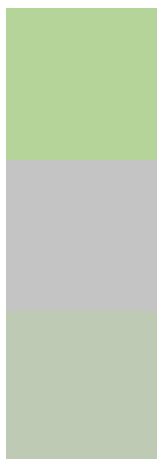
Deuteranomaly

55.2063, 58.7725, 39.8870

Tritanomaly

52.5286, 58.6929, 60.7849

Monochromacy



Original Color

48.3493, 59.2106, 39.0175

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.8446, 56.6127, 51.4276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3493, 59.2106, 39.0175 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(181, 212, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 212, 153)  
}
```

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(181, 212, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 212, 153) }
```

Border

The CSS property to change the border of an element to XYZ 48.3493, 59.2106, 39.0175 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(181, 212, 153) }
```


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

```
.border{ border-color:rgb(181, 212, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 212, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 212, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 212, 153); box-shadow:4px 4px 4px 4px rgb(181, 212, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3493, 59.2106, 39.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 212, 153) }
```

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

```
.background{ background-color: rgb(181,  
212, 153) }
```

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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