

Converting Colors

XYZ(50.0357, 61.6696, 39.4535)

Have a look what the booklet for
XYZ(50.0357, 61.6696, 39.4535)
contains.

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Color

**XYZ(50.0728, 61.6020,
39.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D899
RGB	184, 216, 153
RGB Percent	72%, 85%, 60%
CMY	0.2784, 0.1529, 0.4000
CMYK	0.15, 0.00, 0.29, 0.15
HSL	90°, 45%, 72%
HSV	90°, 29%, 85%
XYZ	50.0728, 61.6020, 39.3882
YIQ	199.2500, 1.1510, -26.3770

Conversions

Conversions Part 2

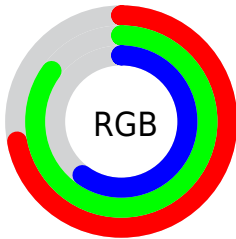
Format	Color
RYB	153, 216, 185
Decimal	12114073
CIELab	82.70, -21.61, 27.67
CIELCh	83, 35.110, 127.995
Yxy	61.6020, 0.3315, 0.4078
Android (android.graphics.Color)	4290304153 (0xFFB8D899)
YUV	199.2500, -22.8012, -13.3742
Hunter-Lab	78.4869, -23.4734, 25.1865

Details

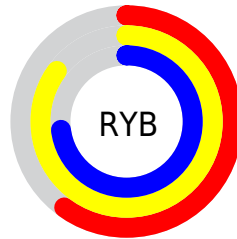
The XYZ color **50.0728, 61.6020, 39.3882** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.7960, 38.0563, 70.0064**, and the grayscale version is **54.5754, 57.4175, 62.5277**.

A 20% lighter version of the original color is **83.4208, 94.7748, 73.5711**, and **24.2998, 31.1752, 17.0486** is the 20% darker color. If you saturate the color by 10%, you get **45.9209, 59.6513, 30.7092**, and if you desaturate by 10%, it is **54.7548, 63.7924, 49.7803**.

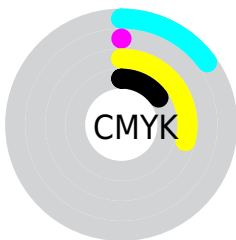
Distribution



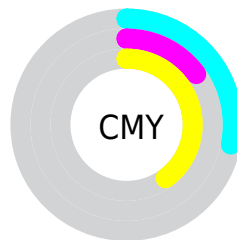
- Red (72%)
- Green (85%)
- Blue (60%)



- Red (60%)
- Yellow (85%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)





- Cyan (28%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0728, 61.6020, 39.3882 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 50.0728, 61.6020, 39.3882 by changing the saturation by 10% instead.


 50.0728, 61.6020,
39.3882


 50.0728, 61.6020,
39.3882


377.3978,
430.4778, 359.0133

 35.6893, 44.7112,
26.7517


 89.4739, 107.1501,
75.4578

 24.3633, 31.2300,
17.1560


 115.2222,
136.5762, 99.7281

 15.7295, 20.7740,
10.1827


145.4895,
170.9495, 128.7133

 9.4226, 12.9589,
5.4131

180.6411,
210.6544, 162.8321

 5.0771, 7.4003,
2.4287

221.0424,
256.0752, 202.5029

 2.3278, 3.7137,
0.8020

267.0587,

 0.8088, 1.5147,

307.5965, 248.1444

0.0000

319.0554,
365.6026, 300.1750

■ 0.0000, 0.2991,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.0728, 61.6020,
39.3882

■ 50.0728, 61.6020,
39.3882

■ 45.9209, 59.6513,
30.7092

■ 54.7548, 63.7924,
49.7803

■ 42.2723, 57.9229,
23.6474

■ 59.9827, 66.2231,
61.9667

■ 39.1048, 56.4094,
18.1032

■ 65.7774, 68.9052,
76.0281

■ 36.3921, 55.0998,
13.9647

■ 72.1573, 71.8464,
92.0392

■ 34.1049, 53.9816,
11.1046

■ 78.1578, 74.6613,
104.8995

■ 32.2094, 53.0409,
9.3720

■ 81.9729, 76.6281,
105.0780

■ 30.6535, 52.2559,
8.5224

■ 83.8471, 77.5943,
105.1657

■ 30.5341, 52.1955,
8.4654

Harmonies

Analogous

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



56.5577, 61.6020, 33.7895



50.0728, 61.6020, 39.3882



46.1129, 61.6020, 52.6902

Triad

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



50.0728, 61.6020, 39.3882



53.2856, 61.6020, 113.3981



74.1112, 61.6020, 61.4639

Complementary

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



50.0728, 61.6020, 39.3882



43.7960, 38.0563, 70.0064

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.



73.0456, 61.6020, 83.8630



50.0728, 61.6020, 39.3882



60.5903, 61.6020, 117.1583

Square

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



50.0728, 61.6020, 39.3882



47.8538, 61.6020, 96.0144



67.9356, 61.6020, 105.3991



70.7338, 61.6020, 44.6257

Rectangle

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



50.0728, 61.6020, 39.3882



45.2256, 61.6020, 65.6321



67.9356, 61.6020, 105.3991



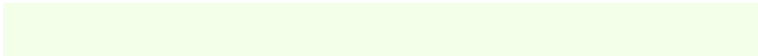
74.2658, 61.6020, 68.5371

Sweetspot

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



50.0744, 61.6047, 39.3895



87.4128, 96.4646, 90.3936



51.3156, 51.3902, 37.3525



18.4595, 20.5312, 18.7534



0.0000, 0.0000, 0.0000



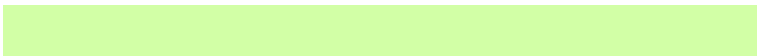
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0744, 61.6047, 39.3895



69.1024, 87.9162, 49.2837



43.4443, 58.1868, 39.0793



12.8384, 14.1929, 13.2236



18.1962, 30.9568, 5.0162



1.1929, 1.9164, 0.3070

Inverse Universe

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



43.7960, 38.0563, 70.0064



58.5298, 48.2634, 100.8387



52.1072, 42.3409, 70.3954



12.3379, 12.3156, 15.6644



11.2472, 4.9506, 38.8159



0.7738, 0.3478, 2.3457

Previews

White Background



This preview shows how the XYZ color 50.0728, 61.6020, 39.3882 looks on a white background.

Color Contrast Check

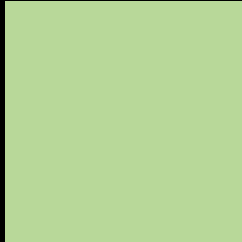
Large Text (above 18pt) WCAG AA × Fail

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 50.0728, 61.6020, 39.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

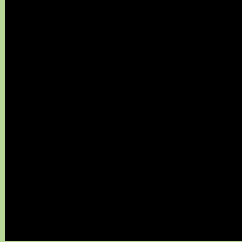
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0728, 61.6020, 39.3882

Background



This preview shows how black text looks on a background with the XYZ color 50.0728, 61.6020, 39.3882.



This preview shows how white text looks on a background with the XYZ color 50.0728, 61.6020,

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

50.0728, 61.6020, 39.3882

Protanopia

56.9954, 61.1729, 36.8205

Deuteranopia

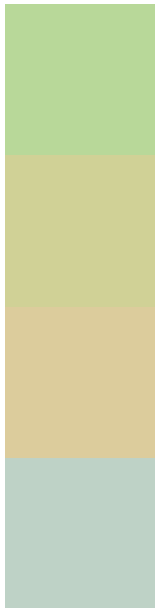
62.3277, 61.0676, 40.4005



Tritanopia

57.8802, 61.4227, 78.6172

Trichromacy



Original Color

50.0728, 61.6020, 39.3882

Protanomaly

54.3179, 61.2128, 37.8066

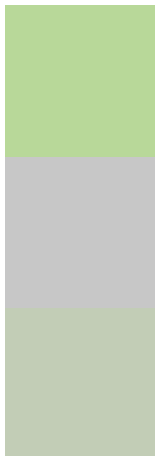
Deuteranomaly

57.1088, 60.8017, 40.1784

Tritanomaly

54.4748, 61.1176, 62.3518

Monochromacy



Original Color

50.0728, 61.6020, 39.3882

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.5230, 58.5094, 52.7812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0728, 61.6020, 39.3882 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(184, 216, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 216, 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(184, 216, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 216, 153) }
```

Border

The CSS property to change the border of an element to XYZ 50.0728, 61.6020, 39.3882 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(184, 216, 153) }
```


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

```
.border{ border-color:rgb(184, 216, 153) }
```

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

Here you see how a box with a 4 pixel rgb(184, 216, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 216, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 216, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 216,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0728, 61.6020, 39.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 216, 153) }
```

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

```
.background{ background-color: rgb(184,  
216, 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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