

Converting Colors

XYZ(48.3966, 58.1952, 41.1009)

Have a look what the booklet for
XYZ(48.3966, 58.1952, 41.1009)
contains.

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Color

**XYZ(48.2634, 58.0146,
41.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D19E
RGB	182, 209, 158
RGB Percent	71%, 82%, 62%
CMY	0.2863, 0.1804, 0.3804
CMYK	0.13, 0.00, 0.24, 0.18
HSL	92°, 36%, 72%
HSV	92°, 24%, 82%
XYZ	48.2634, 58.0146, 41.0019
YIQ	195.1130, 0.2790, -21.5850

Conversions

Conversions Part 2

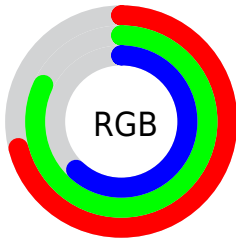
Format	Color
RYB	158, 209, 185
Decimal	11981214
CIELab	80.75, -18.11, 22.38
CIELCh	81, 28.791, 128.986
Yxy	58.0146, 0.3277, 0.3939
Android (android.graphics.Color)	4290171294 (0xFFB6D19E)
YUV	195.1130, -18.2967, -11.5001
Hunter-Lab	76.1673, -20.1863, 21.4005

Details

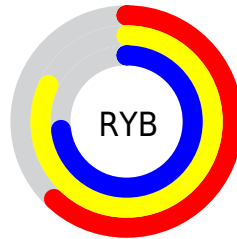
The XYZ color **48.2634, 58.0146, 41.0019** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.7454, 39.3730, 65.6188**, and the grayscale version is **52.0459, 54.7564, 59.6297**.

A 20% lighter version of the original color is **83.0301, 94.5012, 76.8152**, and **23.3761, 29.1504, 18.0302** is the 20% darker color. If you saturate the color by 10%, you get **44.1046, 56.0629, 32.2017**, and if you desaturate by 10%, it is **52.9378, 60.2002, 51.4257**.

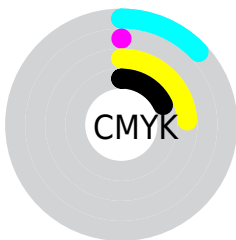
Distribution



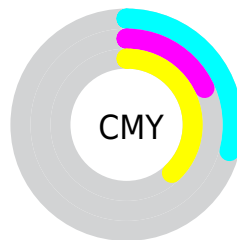
- Red (71%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2634, 58.0146, 41.0019 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 48.2634, 58.0146, 41.0019 by changing the saturation by 10% instead.

■ 48.2634, 58.0146,
41.0019

■ 48.2634, 58.0146,
41.0019

370.4005,
417.2403, 366.0054

■ 34.2476, 41.8204,
28.0009

■ 86.8038, 101.9441,
77.9405

■ 23.2477, 28.9607,
18.0873

■ 112.0591,
130.4482, 102.7151

■ 14.8982, 19.0511,
10.8426

141.7917,
163.8244, 132.2513

■ 8.8338, 11.7072,
5.8482

176.3668,
202.4570, 166.9677

■ 4.6892, 6.5446,
2.6857

216.1499,
246.7306, 207.2827

■ 2.0989, 3.1790,
0.9362

261.5063,

■ 0.6886, 1.2259,

297.0294, 253.6150

0.0000

312.8014,
353.7378, 306.3831

■ 0.0000, 0.0827,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.2634, 58.0146,
41.0019

■ 48.2634, 58.0146,
41.0019

■ 44.1046, 56.0629,
32.2017

■ 52.9378, 60.2002,
51.4257

■ 40.4367, 54.3290,
24.9396

■ 58.1421, 62.6203,
63.5453

■ 37.2393, 52.8060,
19.1281

■ 63.8960, 65.2851,
77.4331

■ 34.4889, 51.4839,
14.6691

■ 70.2163, 68.2018,
93.1561

■ 32.1592, 50.3517,
11.4526

■ 75.8872, 70.8848,
104.2902

■ 30.2206, 49.3968,
9.3513

■ 79.7038, 72.8523,
104.4688

■ 28.6378, 48.6045,
8.2105

■ 82.0916, 74.0833,
104.5805

■ 27.8759, 48.2192,
7.8380

Harmonies

Analogous

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



53.3764, 58.0146, 36.0554



48.2634, 58.0146, 41.0019



45.1521, 58.0146, 52.1497

Triad

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



48.2634, 58.0146, 41.0019



51.1462, 58.0146, 98.8855



67.2088, 58.0146, 58.1956

Complementary

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



48.2634, 58.0146, 41.0019



43.7454, 39.3730, 65.6188

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.



66.5045, 58.0146, 75.6383



48.2634, 58.0146, 41.0019



56.9443, 58.0146, 101.2965

Square

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



48.2634, 58.0146, 41.0019



46.7315, 58.0146, 86.0617



62.6431, 58.0146, 92.1563



64.5036, 58.0146, 44.7435

Rectangle

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



48.2634, 58.0146, 41.0019



44.4920, 58.0146, 62.5910



62.6431, 58.0146, 92.1563



67.3668, 58.0146, 63.7486

Sweetspot

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



48.2649, 58.0171, 41.0032



88.9161, 97.1546, 94.3020



49.6815, 50.4527, 39.4684



18.9228, 20.7445, 19.9290



0.0000, 0.0000, 0.0000



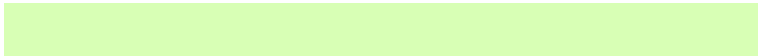
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2649, 58.0171, 41.0032



72.3792, 89.4338, 57.1906



43.1477, 55.3706, 41.1470



12.1777, 13.4750, 12.5712



17.2985, 29.7867, 4.8377



1.0585, 1.7125, 0.2748

Inverse Universe

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



43.7454, 39.3730, 65.6188



64.1609, 55.5355, 101.9455



49.9272, 42.5720, 65.3601



11.7526, 11.7213, 14.8867



11.2261, 4.9676, 37.5596



0.7189, 0.3248, 2.1044

Previews

White Background



This preview shows how the XYZ color 48.2634, 58.0146, 41.0019 looks on a white background.

Color Contrast Check

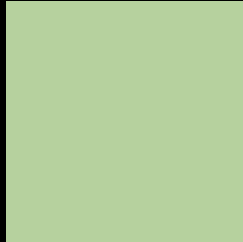
Large Text (above 18pt) WCAG AA × Fail

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 48.2634, 58.0146, 41.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

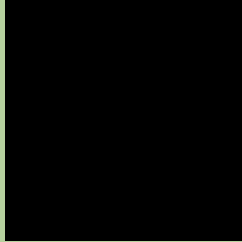
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2634, 58.0146, 41.0019

Background



This preview shows how black text looks on a background with the XYZ color 48.2634, 58.0146, 41.0019.



This preview shows how white text looks on a background with the XYZ color 48.2634, 58.0146,

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



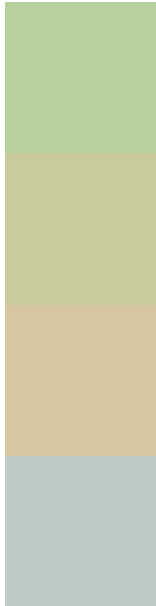
Original Color
48.2634, 58.0146, 41.0019
Protanopia
54.2186, 57.9378, 38.8973
Deuteranopia
58.9755, 57.6315, 42.1981



Tritanopia

54.8969, 57.8594, 73.9202

Trichromacy



Original Color

48.2634, 58.0146, 41.0019

Protanomaly

51.6295, 57.6350, 39.4138

Deuteranomaly

54.3587, 57.2575, 41.9050

Tritanomaly

52.2957, 57.8626, 60.6369

Monochromacy



Original Color

48.2634, 58.0146, 41.0019

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3330, 55.6331, 52.3414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2634, 58.0146, 41.0019 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 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(182, 209, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 158) }
```

Border

The CSS property to change the border of an element to XYZ 48.2634, 58.0146, 41.0019 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, 158) }
```


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

```
.border{ border-color:rgb(182, 209, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 158);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2634, 58.0146, 41.0019 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, 158) }
```

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

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