

Converting Colors

XYZ(48.5535, 51.6046, 61.4964)

Have a look what the booklet for
XYZ(48.5535, 51.6046, 61.4964)
contains.

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Color

**XYZ(48.4680, 51.4524,
61.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BFC7
RGB	183, 191, 199
RGB Percent	72%, 75%, 78%
CMY	0.2823, 0.2510, 0.2196
CMYK	0.08, 0.04, 0.00, 0.22
HSL	210°, 13%, 75%
HSV	210°, 8%, 78%
XYZ	48.4680, 51.4524, 61.4096
YIQ	189.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

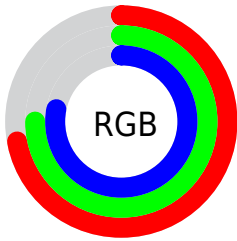
Format	Color
RYB	183, 188, 199
Decimal	12042183
CIELab	76.95, -1.19, -4.98
CIElCh	77, 5.121, 256.516
Yxy	51.4524, 0.3004, 0.3189
Android (android.graphics.Color)	4290232263 (0xFFB7BFC7)
YUV	189.5200, 4.6736, -5.7180
Hunter-Lab	71.7303, -4.9161, -0.5480

Details

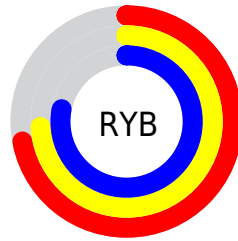
The XYZ color **48.4680, 51.4524, 61.4096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7313, 52.8221, 52.3224**, and the grayscale version is **48.6459, 51.1793, 55.7342**.

A 20% lighter version of the original color is **86.9074, 92.0923, 107.8028**, and **23.4052, 24.9671, 30.3736** is the 20% darker color. If you saturate the color by 10%, you get **41.9697, 44.9922, 60.5060**, and if you desaturate by 10%, it is **55.7859, 58.5566, 62.3959**.

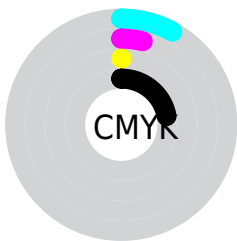
Distribution



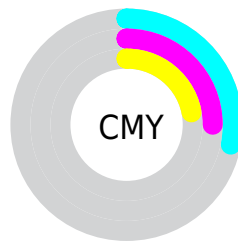
- Red (72%)
- Green (75%)
- Blue (78%)



- Red (72%)
- Yellow (74%)
- Blue (78%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4680, 51.4524, 61.4096 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 48.4680, 51.4524, 61.4096 by changing the saturation by 10% instead.

■ 48.4680, 51.4524,
61.4096

■ 48.4680, 51.4524,
61.4096

371.1960,
392.3189, 447.7223

■ 34.4104, 36.5688,
44.1231

■ 87.1063, 92.3231,
108.4351

■ 23.3735, 24.8738,
30.4294

112.4177,
119.0791, 139.0112

■ 14.9917, 15.9830,
19.9099

142.2112,
150.5612, 174.8542

■ 8.8999, 9.5122,
12.1462

176.8520,
187.1539, 216.3827

■ 4.7325, 5.0767,
6.7196

216.7055,
229.2417, 264.0152

■ 2.1243, 2.2924,
3.2116

262.1371,

■ 0.7024, 0.7697,

277.2088, 318.1703

1.2036

313.5122,
331.4398, 379.2665

■ 0.0000, 0.0000,
0.0000

■ 48.4680, 51.4524,
61.4096

■ 48.4680, 51.4524,
61.4096

■ 41.9697, 44.9922,
60.5060

■ 55.7859, 58.5566,
62.3959

■ 36.2556, 39.1493,
59.6793

■ 63.9479, 66.3174,
63.4637

■ 31.2943, 33.9045,
58.9285

■ 72.9833, 74.7553,
64.6162

■ 27.0505, 29.2349,
58.2508

■ 80.0659, 82.4175,
65.7219

■ 23.4858, 25.1159,
57.6436

■ 82.9260, 88.1377,
66.6752

■ 20.5577, 21.5208,
57.1041

■ 85.9468, 94.1793,
67.6822

■ 18.2186, 18.4200,
56.6288

■ 87.3090, 96.9036,
68.1362

■ 16.4129, 15.7793,
56.2143

■ 15.0590, 13.5513,
55.8556

Harmonies

Analogous

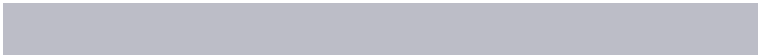
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.6248, 51.4524, 60.0108



48.4680, 51.4524, 61.4096



49.4390, 51.4524, 61.3314

Triad

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



48.4680, 51.4524, 61.4096



50.7240, 51.4524, 54.5099



47.5559, 51.4524, 52.4077

Complementary

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



48.4680, 51.4524, 61.4096



50.7313, 52.8221, 52.3224

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.



48.3728, 51.4524, 51.0299



48.4680, 51.4524, 61.4096



50.2058, 51.4524, 52.2157

Square

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



48.4680, 51.4524, 61.4096



50.7503, 51.4524, 57.2846



49.3425, 51.4524, 50.9608



47.1029, 51.4524, 54.7799

Rectangle

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



48.4680, 51.4524, 61.4096



50.0284, 51.4524, 60.4511



49.3425, 51.4524, 50.9608



47.7965, 51.4524, 51.8164

Sweetspot

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



48.4695, 51.4546, 61.4107



92.3907, 97.4299, 108.5441



49.3273, 54.6648, 57.0888



19.8033, 20.8810, 23.2366



0.0000, 0.0000, 0.0000



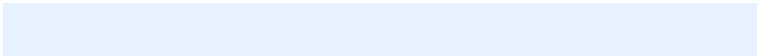
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4695, 51.4546, 61.4107



82.3509, 87.6165, 107.1791



46.8266, 48.1687, 60.8631



10.4876, 11.1493, 13.5168



9.6184, 8.6307, 35.9033



0.5279, 0.5535, 1.7242

Inverse Universe

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



49.8918, 49.7716, 56.2701



85.4632, 84.0019, 95.9149



52.4633, 56.2861, 52.8997



10.8514, 10.7240, 12.2008



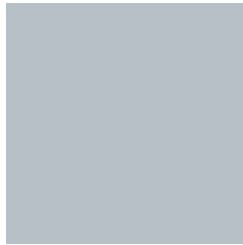
16.6542, 8.4113, 8.6551



0.8251, 0.4129, 0.6024

Previews

White Background



This preview shows how the XYZ color 48.4680, 51.4524, 61.4096 looks on a white background.

Color Contrast Check

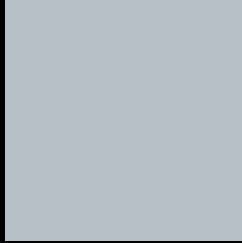
Large Text (above 18pt) WCAG AA × Fail

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 48.4680, 51.4524, 61.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

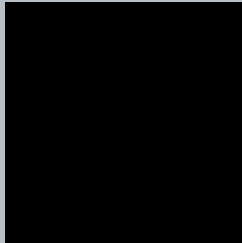
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

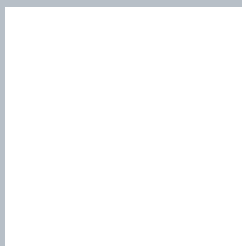
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4680, 51.4524, 61.4096

Background



This preview shows how black text looks on a background with the XYZ color 48.4680, 51.4524, 61.4096.



This preview shows how white text looks on a background with the XYZ color 48.4680, 51.4524,

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

48.4680, 51.4524, 61.4096

Protanopia

49.8765, 51.5488, 60.7472

Deuteranopia

52.1944, 51.1476, 61.7651



Tritanopia

49.2001, 51.4250, 65.0905

Trichromacy



Original Color

48.4680, 51.4524, 61.4096

Protanomaly

49.3455, 51.5955, 60.7842

Deuteranomaly

50.9606, 51.4465, 61.8878

Tritanomaly

48.9601, 51.3291, 63.8269

Monochromacy



Original Color

48.4680, 51.4524, 61.4096

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.5326, 51.2420, 57.7848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4680, 51.4524, 61.4096 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(183, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 199)  
}
```

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(183, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 48.4680, 51.4524, 61.4096 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(183, 191, 199) }
```


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

```
.border{ border-color:rgb(183, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(183, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4680, 51.4524, 61.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 199) }
```

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

```
.background{ background-color: rgb(183,  
191, 199) }
```

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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