

Converting Colors

XYZ(48.7589, 57.2662, 46.2026)

Have a look what the booklet for
XYZ(48.7589, 57.2662, 46.2026)
contains.

XYZ(48.7657, 57.4353, 46.0520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.7657, 57.4353,
46.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CFA9
RGB	182, 207, 169
RGB Percent	71%, 81%, 66%
CMY	0.2863, 0.1882, 0.3372
CMYK	0.12, 0.00, 0.18, 0.19
HSL	99°, 28%, 74%
HSV	99°, 18%, 81%
XYZ	48.7657, 57.4353, 46.0520
YIQ	195.1930, -2.7020, -17.1180

Conversions

Conversions Part 2

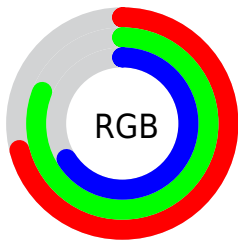
Format	Color
RYB	169, 207, 194
Decimal	11980713
CIELab	80.42, -15.34, 16.12
CIElCh	80, 22.254, 133.581
Yxy	57.4353, 0.3203, 0.3772
Android (android.graphics.Color)	4290170793 (0xFFB6CFA9)
YUV	195.1930, -12.9131, -11.5703
Hunter-Lab	75.7861, -17.7671, 17.0222

Details

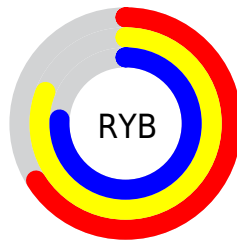
The XYZ color **48.7657, 57.4353, 46.0520** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7008, 44.3518, 65.0811**, and the grayscale version is **52.0639, 54.7752, 59.6502**.

A 20% lighter version of the original color is **84.4744, 95.0790, 84.4208**, and **23.6554, 28.7339, 21.1291** is the 20% darker color. If you saturate the color by 10%, you get **43.9130, 55.1424, 36.4712**, and if you desaturate by 10%, it is **54.2421, 60.0176, 57.2704**.

Distribution



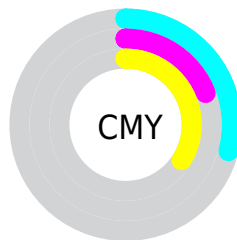
- Red (71%)
- Green (81%)
- Blue (66%)



- Red (66%)
- Yellow (81%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7657, 57.4353, 46.0520 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 48.7657, 57.4353, 46.0520 by changing the saturation by 10% instead.

■ 48.7657, 57.4353,
46.0520

■ 48.7657, 57.4353,
46.0520

372.3515,
415.0784, 387.3013

■ 34.6474, 41.3548,
31.9379

■ 87.5462, 101.1001,
85.6319

■ 23.5566, 28.5964,
21.0496

112.9391,
129.4532, 111.9348

■ 15.1280, 18.7758,
12.9687

142.8209,
162.6659, 143.1377

■ 8.9962, 11.5084,
7.2765

177.5571,
201.1227, 179.6592

■ 4.7958, 6.4099,
3.5546

217.5128,
245.2080, 221.9177

■ 2.1615, 3.0959,
1.3843

263.0536,

■ 0.7223, 1.1820,

295.3061, 270.3319

0.1294

314.5447,
351.8014, 325.3203

■ 0.0000, 0.0469,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.7657, 57.4353,
46.0520

■ 48.7657, 57.4353,
46.0520

■ 43.9130, 55.1424,
36.4712

■ 54.2421, 60.0176,
57.2704

■ 39.6559, 53.1210,
28.4479

■ 60.3596, 62.8915,
70.1941

■ 35.9713, 51.3626,
21.9005

■ 67.1406, 66.0690,
84.8916

■ 32.8322, 49.8553,
16.7390

■ 74.6050, 69.5588,
101.4264

■ 30.2095, 48.5863,
12.8631

■ 79.8238, 72.1902,
104.3347

■ 28.0707, 47.5414,
10.1593

■ 81.6040, 73.1079,
104.4180

■ 26.3791, 46.7044,
8.4941

■ 25.0836, 46.0536,
7.6648

■ 24.8985, 45.9603,
7.5589

Harmonies

Analogous

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



52.5571, 57.4353, 41.1643



48.7657, 57.4353, 46.0520



46.6037, 57.4353, 55.7040

Triad

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



48.7657, 57.4353, 46.0520



52.1493, 57.4353, 89.8526



63.5657, 57.4353, 56.8233

Complementary

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



48.7657, 57.4353, 46.0520



47.7008, 44.3518, 65.0811

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.



63.4414, 57.4353, 69.9077



48.7657, 57.4353, 46.0520



56.6757, 57.4353, 90.2630

Square

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



48.7657, 57.4353, 46.0520



48.4815, 57.4353, 81.4972



60.8616, 57.4353, 82.5507



61.1923, 57.4353, 46.7727

Rectangle

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



48.7657, 57.4353, 46.0520



46.2980, 57.4353, 64.1192



60.8616, 57.4353, 82.5507



63.8185, 57.4353, 60.9816

Sweetspot

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



48.7672, 57.4378, 46.0533



89.0767, 97.1940, 96.2701



52.1209, 54.5825, 45.3254



18.9319, 20.7404, 20.3247



0.0000, 0.0000, 0.0000



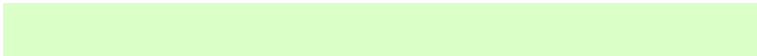
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7672, 57.4378, 46.0533



74.9975, 90.5582, 67.4987



46.3851, 56.1466, 48.7969



12.0321, 13.4000, 12.5643



15.7781, 29.0029, 4.7665



0.9665, 1.6651, 0.2705

Inverse Universe

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



47.7008, 44.3518, 65.0811



72.9795, 65.8212, 103.4661



50.5002, 45.8740, 61.6391



11.9018, 11.7982, 14.8936



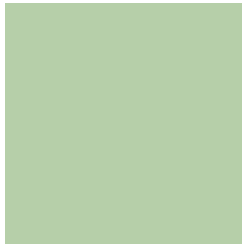
13.6176, 6.2004, 37.6716



0.8446, 0.3896, 2.1102

Previews

White Background



This preview shows how the XYZ color 48.7657, 57.4353, 46.0520 looks on a white background.

Color Contrast Check

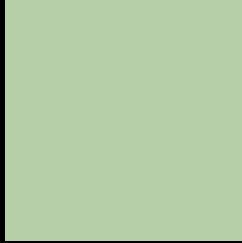
Large Text (above 18pt) WCAG AA × Fail

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 48.7657, 57.4353, 46.0520 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 48.7657, 57.4353, 46.0520

Background



This preview shows how black text looks on a background with the XYZ color 48.7657, 57.4353, 46.0520.



This preview shows how white text looks on a background with the XYZ color 48.7657, 57.4353,

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

48.7657, 57.4353, 46.0520

Protanopia

53.7933, 57.2651, 43.8154

Deuteranopia

58.2909, 57.1718, 46.9927



Tritanopia

54.0352, 57.0852, 73.1363

Trichromacy



Original Color

48.7657, 57.4353, 46.0520

Protanomaly

51.8229, 57.2736, 44.3999

Deuteranomaly

54.1809, 56.7217, 46.6208

Tritanomaly

51.9144, 57.2745, 62.3517

Monochromacy



Original Color

48.7657, 57.4353, 46.0520

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.5216, 55.3392, 54.4731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7657, 57.4353, 46.0520 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, 207, 169)` looks like.

```
.text, #text, p{  
    color:rgb(182, 207, 169)  
}
```

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, 207, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 169) }
```

Border

The CSS property to change the border of an element to XYZ 48.7657, 57.4353, 46.0520 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, 207, 169) }
```


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

```
.border{ border-color:rgb(182, 207, 169) }
```

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

Here you see how a box with a 4 pixel rgb(182, 207, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 207, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 207, 169);  
box-shadow:4px 4px 4px 4px rgb(182, 207,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7657, 57.4353, 46.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 169) }
```

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

```
.background{ background-color: rgb(182,  
207, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor