

Converting Colors

XYZ(48.2145, 57.2598, 54.4892)

Have a look what the booklet for
XYZ(48.2145, 57.2598, 54.4892)
contains.

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Color

**XYZ(48.3261, 57.3852,
54.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD0B9
RGB	172, 208, 185
RGB Percent	67%, 82%, 73%
CMY	0.3255, 0.1843, 0.2745
CMYK	0.17, 0.00, 0.11, 0.18
HSL	142°, 28%, 75%
HSV	142°, 17%, 82%
XYZ	48.3261, 57.3852, 54.4283
YIQ	194.6140, -14.0730, -14.7850

Conversions

Conversions Part 2

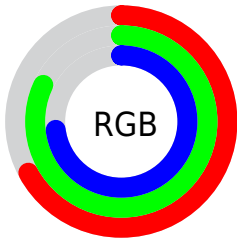
Format	Color
RYB	172, 198, 208
Decimal	11325625
CIELab	80.40, -16.43, 7.47
CIELCh	80, 18.047, 155.540
Yxy	57.3852, 0.3018, 0.3583
Android (android.graphics.Color)	4289515705 (0xFFACD0B9)
YUV	194.6140, -4.7397, -19.8325
Hunter-Lab	75.7530, -18.6950, 10.4274

Details

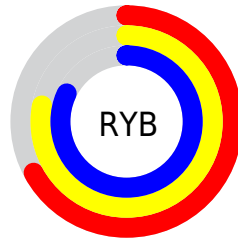
The XYZ color **48.3261, 57.3852, 54.4283** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6173, 46.8565, 58.0088**, and the grayscale version is **51.6767, 54.3679, 59.2067**.

A 20% lighter version of the original color is **83.6321, 94.3649, 97.0254**, and **23.3282, 28.6991, 26.1397** is the 20% darker color. If you saturate the color by 10%, you get **42.7756, 54.6800, 47.1845**, and if you desaturate by 10%, it is **54.7255, 60.5161, 62.3989**.

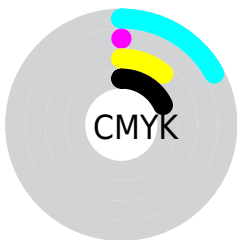
Distribution



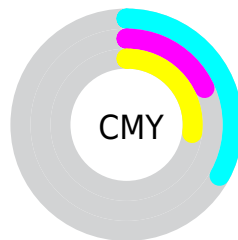
- Red (67%)
- Green (82%)
- Blue (73%)



- Red (67%)
- Yellow (78%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3261, 57.3852, 54.4283 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 48.3261, 57.3852, 54.4283 by changing the saturation by 10% instead.


 48.3261, 57.3852,
54.4283

 48.3261, 57.3852,
54.4283


370.6444,
414.8911, 420.9619

 34.2975, 41.3146,
38.5487


 86.8965, 101.0270,
98.1656

 23.2862, 28.5650,
26.1037


112.1690,
129.3670, 126.8603

 14.9269, 18.7520,
16.6748


141.9203,
162.5656, 160.6638

 8.8541, 11.4912,
9.8434

176.5156,
201.0072, 199.9946

 4.7025, 6.3982,
5.1910

216.3203,
245.0761, 245.2713

 2.1067, 3.0887,
2.2991

261.6997,

 0.6929, 1.1782,

295.1568, 296.9123

0.7307

313.0193,
351.6337, 355.3364

■ 0.0000, 0.0438,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.3261, 57.3852,
54.4283

■ 48.3261, 57.3852,
54.4283

■ 42.7756, 54.6800,
47.1845

■ 54.7255, 60.5161,
62.3989

■ 38.0324, 52.3747,
40.6433

■ 62.0035, 64.0827,
71.1119

■ 34.0588, 50.4518,
34.7846

■ 70.1941, 68.1038,
80.5876

■ 30.8117, 48.8895,
29.5860

■ 79.2532, 72.5564,
90.8405

■ 28.2438, 47.6640,
25.0237

■ 81.2807, 73.3674,
101.5169

■ 26.3018, 46.7483,
21.0726

■ 81.8470, 73.5939,
104.4990

■ 24.9238, 46.1111,
17.7057

■ 24.0268, 45.7100,
14.8934

■ 23.8306, 45.6234,
14.2260

Harmonies

Analogous

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



50.5152, 57.3852, 47.3408



48.3261, 57.3852, 54.4283



47.7705, 57.3852, 64.4685

Triad

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



48.3261, 57.3852, 54.4283



55.2319, 57.3852, 85.0101



60.5328, 57.3852, 51.3825

Complementary

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



48.3261, 57.3852, 54.4283



50.6173, 46.8565, 58.0088

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.



61.9270, 57.3852, 60.5382



48.3261, 57.3852, 54.4283



58.7792, 57.3852, 80.5514

Square

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



48.3261, 57.3852, 54.4283



51.6528, 57.3852, 82.9016



61.2713, 57.3852, 71.2950



57.5388, 57.3852, 45.7263

Rectangle

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



48.3261, 57.3852, 54.4283



48.3784, 57.3852, 71.6755



61.2713, 57.3852, 71.2950



61.2101, 57.3852, 54.1116

Sweetspot

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



48.3277, 57.3876, 54.4296



89.2298, 97.1479, 101.9259



52.6136, 59.7485, 47.7901



18.9300, 20.7109, 21.6118



0.0000, 0.0000, 0.0000



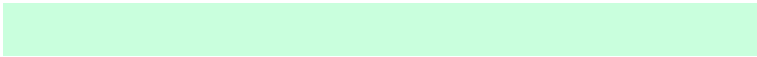
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3277, 57.3876, 54.4296



72.9912, 89.2090, 81.6292



50.3029, 58.1777, 64.8310



11.8302, 13.2758, 13.4621



14.8942, 28.4506, 9.0890



0.8704, 1.6058, 0.7061

Inverse Universe

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



50.6173, 46.8565, 58.0088



77.3233, 69.2800, 88.3982



48.7425, 46.1066, 48.1358



12.1221, 11.9336, 13.9187



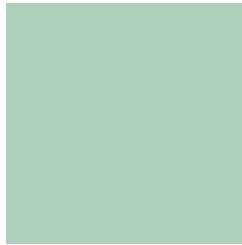
18.8942, 9.4305, 14.8810



1.0937, 0.5422, 1.0283

Previews

White Background



This preview shows how the XYZ color 48.3261, 57.3852, 54.4283 looks on a white background.

Color Contrast Check

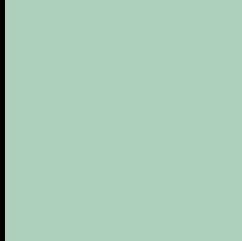
Large Text (above 18pt) WCAG AA × Fail

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 48.3261, 57.3852, 54.4283 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 48.3261, 57.3852, 54.4283

Background



This preview shows how black text looks on a background with the XYZ color 48.3261, 57.3852, 54.4283.



This preview shows how white text looks on a background with the XYZ color 48.3261, 57.3852,

54.4283.

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

48.3261, 57.3852, 54.4283

Protanopia

54.1644, 56.9489, 51.3175

Deuteranopia

58.0509, 56.8597, 55.4924



Tritanopia

52.5022, 57.2913, 75.3090

Trichromacy



Original Color

48.3261, 57.3852, 54.4283

Protanomaly

51.8122, 57.0878, 52.5442

Deuteranomaly

54.0656, 56.8134, 55.1302

Tritanomaly

50.9983, 57.3977, 67.4225

Monochromacy



Original Color

48.3261, 57.3852, 54.4283

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.5518, 55.6349, 57.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3261, 57.3852, 54.4283 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(172, 208, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 185)  
}
```

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(172, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.3261, 57.3852, 54.4283 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(172, 208, 185) }
```


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

```
.border{ border-color:rgb(172, 208, 185) }
```

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

Here you see how a box with a 4 pixel rgb(172, 208, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 208,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3261, 57.3852, 54.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 185) }
```

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

```
.background{ background-color: rgb(172,  
208, 185) }
```

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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