

Converting Colors

XYZ(46.5274, 57.6211, 48.2706)

Have a look what the booklet for
XYZ(46.5274, 57.6211, 48.2706)
contains.

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Color

**XYZ(46.5630, 57.7127,
48.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D3AD
RGB	166, 211, 173
RGB Percent	65%, 83%, 68%
CMY	0.3490, 0.1725, 0.3216
CMYK	0.21, 0.00, 0.18, 0.17
HSL	129°, 34%, 74%
HSV	129°, 21%, 83%
XYZ	46.5630, 57.7127, 48.2207
YIQ	193.2130, -14.6220, -21.3580

Conversions

Conversions Part 2

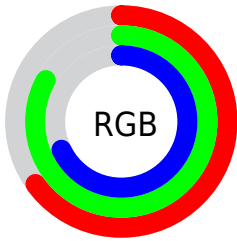
Format	Color
RYB	166, 205, 211
Decimal	10933165
CIELab	80.58, -22.13, 14.07
CIElCh	81, 26.222, 147.556
Yxy	57.7127, 0.3053, 0.3785
Android (android.graphics.Color)	4289123245 (0xFFA6D3AD)
YUV	193.2130, -9.9650, -23.8658
Hunter-Lab	75.9689, -23.5389, 15.5443

Details

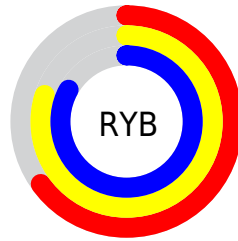
The XYZ color **46.5630, 57.7127, 48.2207** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.4013, 45.4823, 63.1991**, and the grayscale version is **50.8781, 53.5277, 58.2917**.

A 20% lighter version of the original color is **79.8878, 92.6510, 87.0717**, and **22.1497, 28.6681, 22.4552** is the 20% darker color. If you saturate the color by 10%, you get **40.8868, 54.9743, 39.5474**, and if you desaturate by 10%, it is **53.1980, 60.9221, 58.1417**.

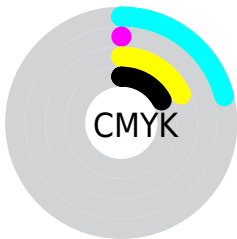
Distribution



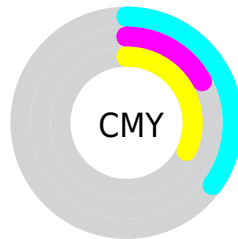
- Red (65%)
- Green (83%)
- Blue (68%)



- Red (65%)
- Yellow (80%)
- Blue (83%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (17%)





- Cyan (35%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5630, 57.7127, 48.2207 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 46.5630, 57.7127, 48.2207 by changing the saturation by 10% instead.


 46.5630, 57.7127,
48.2207

 46.5630, 57.7127,
48.2207


363.7456,
416.1145, 396.2002

 32.8968, 41.5777,
33.6405


 84.2837, 101.5044,
88.9019

 22.2063, 28.7708,
22.3424


 109.0689,
129.9298, 115.8399

 14.1260, 18.9075,
13.9080


138.2911,
163.2209, 147.7343

 8.2906, 11.6035,
7.9187

172.3158,
201.7621, 185.0035

 4.3348, 6.4743,
3.9559

211.5082,
245.9376, 228.0662

 1.8933, 3.1356,
1.6012

256.2337,

 0.5729, 1.2029,

296.1319, 277.3408

0.2917

306.8578,
352.7294, 333.2460

■ 0.0000, 0.0641,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.5630, 57.7127,
48.2207

■ 46.5630, 57.7127,
48.2207

■ 40.8868, 54.9743,
39.5474

■ 53.1980, 60.9221,
58.1417

■ 36.1204, 52.6777,
32.0686

■ 60.8286, 64.6156,
69.3530

■ 32.2173, 50.8018,
25.7333

■ 69.4954, 68.8147,
81.9000

■ 29.1252, 49.3207,
20.4848

■ 79.2352, 73.5377,
95.8247

■ 26.7859, 48.2058,
16.2621

■ 82.5854, 75.0708,
104.7451

■ 25.1334, 47.4244,
12.9978

■ 24.0897, 46.9380,
10.6164

■ 23.5674, 46.6996,
9.1977

Harmonies

Analogous

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



50.1971, 57.7127, 40.0235



46.5630, 57.7127, 48.2207



45.1358, 57.7127, 61.5821

Triad

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



46.5630, 57.7127, 48.2207



54.4134, 57.7127, 97.4107



64.5669, 57.7127, 50.0816

Complementary

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



46.5630, 57.7127, 48.2207



51.4013, 45.4823, 63.1991

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.



65.8761, 57.7127, 64.1135



46.5630, 57.7127, 48.2207



59.7908, 57.7127, 93.0041

Square

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



46.5630, 57.7127, 48.2207



49.4790, 57.7127, 91.3699



64.0754, 57.7127, 80.1489



60.6052, 57.7127, 40.9678

Rectangle

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



46.5630, 57.7127, 48.2207



45.5528, 57.7127, 72.2264



64.0754, 57.7127, 80.1489



65.3427, 57.7127, 54.3030

Sweetspot

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



46.5646, 57.7151, 48.2220



87.6324, 96.4084, 98.0574



55.1500, 62.2173, 45.1794



18.5916, 20.5553, 20.7453



0.0000, 0.0000, 0.0000



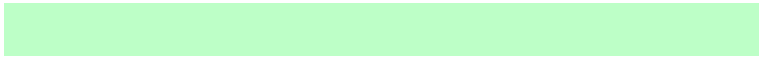
20.3446, 21.4041, 23.3091

Same Dimension

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



46.5646, 57.7151, 48.2220



66.9823, 86.4246, 67.1922



48.9006, 58.6495, 60.5233



11.7302, 13.2358, 12.9357



14.2466, 28.1916, 5.6785



0.8208, 1.5860, 0.4451

Inverse Universe

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



51.4013, 45.4823, 63.1991



75.8068, 64.0997, 94.5127



48.9197, 44.4896, 50.1310



12.2285, 11.9761, 14.4790



21.1039, 10.3144, 26.5171



1.2018, 0.5854, 1.5975

Previews

White Background



This preview shows how the XYZ color 46.5630, 57.7127, 48.2207 looks on a white background.

Color Contrast Check

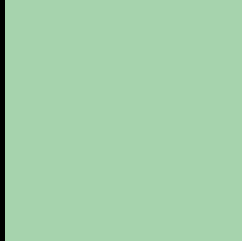
Large Text (above 18pt) WCAG AA × Fail

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 46.5630, 57.7127, 48.2207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

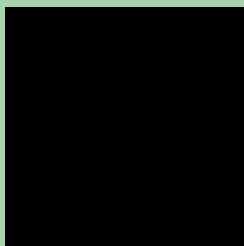
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

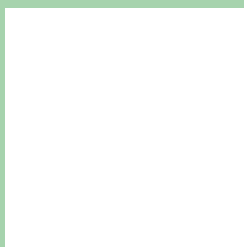
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5630, 57.7127, 48.2207

Background



This preview shows how black text looks on a background with the XYZ color 46.5630, 57.7127, 48.2207.



This preview shows how white text looks on a background with the XYZ color 46.5630, 57.7127,

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

46.5630, 57.7127, 48.2207

Protanopia

53.9768, 57.3385, 44.7818

Deuteranopia

58.4640, 57.2045, 49.5552



Tritanopia

52.0996, 57.4049, 76.7409

Trichromacy



Original Color

46.5630, 57.7127, 48.2207

Protanomaly

50.7655, 57.0458, 45.8714

Deuteranomaly

53.4367, 56.9606, 49.2524

Tritanomaly

50.0065, 57.6432, 65.6174

Monochromacy



Original Color

46.5630, 57.7127, 48.2207

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.0456, 54.9210, 54.4702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5630, 57.7127, 48.2207 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(166, 211, 173)` looks like.

```
.text, #text, p{  
    color:rgb(166, 211, 173)  
}
```

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(166, 211, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 211, 173) }
```

Border

The CSS property to change the border of an element to XYZ 46.5630, 57.7127, 48.2207 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(166, 211, 173) }
```


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

```
.border{ border-color:rgb(166, 211, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 211, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 211, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 211, 173);  
box-shadow:4px 4px 4px 4px rgb(166, 211,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5630, 57.7127, 48.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 211, 173) }
```

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

```
.background{ background-color: rgb(166,  
211, 173) }
```

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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