

Converting Colors

XYZ(46.5519, 53.3882, 48.4253)

Have a look what the booklet for
XYZ(46.5519, 53.3882, 48.4253)
contains.

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Color

**XYZ(46.5214, 53.4070,
48.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C7AF
RGB	178, 199, 175
RGB Percent	70%, 78%, 69%
CMY	0.3020, 0.2196, 0.3137
CMYK	0.11, 0.00, 0.12, 0.22
HSL	113°, 18%, 73%
HSV	113°, 12%, 78%
XYZ	46.5214, 53.4070, 48.4141
YIQ	189.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

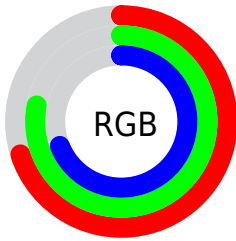
Format	Color
RYB	175, 199, 196
Decimal	11716527
CIELab	78.11, -11.63, 9.62
CIELCh	78, 15.087, 140.407
Yxy	53.4070, 0.3136, 0.3600
Android (android.graphics.Color)	4289906607 (0xFFB2C7AF)
YUV	189.9850, -7.3876, -10.5108
Hunter-Lab	73.0801, -14.2605, 11.8776

Details

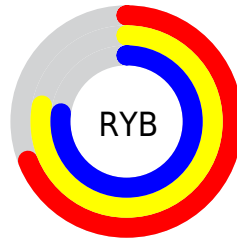
The XYZ color **46.5214, 53.4070, 48.4141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4059, 46.5207, 60.4638**, and the grayscale version is **48.9793, 51.5301, 56.1163**.

A 20% lighter version of the original color is **84.1155, 94.7819, 89.4627**, and **22.1580, 26.0408, 22.5974** is the 20% darker color. If you saturate the color by 10%, you get **40.9643, 50.7532, 38.6922**, and if you desaturate by 10%, it is **52.8767, 56.4421, 59.6792**.

Distribution



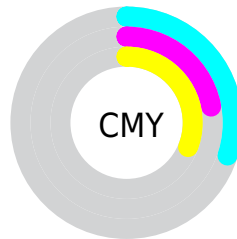
- Red (70%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5214, 53.4070, 48.4141 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 46.5214, 53.4070, 48.4141 by changing the saturation by 10% instead.

■ 46.5214, 53.4070,
48.4141

■ 46.5214, 53.4070,
48.4141

363.5818,
399.8447, 396.9871

■ 32.8638, 38.1278,
33.7926

■ 84.2219, 95.2030,
89.1926

■ 22.1809, 26.0819,
22.4583

108.9955,
122.4886, 116.1867

■ 14.1072, 16.8849,
13.9925

138.2052,
154.5450, 148.1421

■ 8.2775, 10.1525,
7.9767

172.2162,
191.7568, 185.4773

■ 4.3263, 5.5002,
3.9925

211.3941,
234.5082, 228.6108

■ 1.8883, 2.5436,
1.6212

256.1041,

■ 0.5700, 0.8984,

283.1838, 277.9613

0.3059

306.7115,
338.1678, 333.9472

■ 0.0000, 0.0000,
0.0000

■ 46.5214, 53.4070,
48.4141

■ 46.5214, 53.4070,
48.4141

■ 40.9643, 50.7532,
38.6922

■ 52.8767, 56.4421,
59.6792

■ 36.1696, 48.4591,
30.4430

■ 60.0557, 59.8656,
72.5470

■ 32.1052, 46.5111,
23.5958

■ 68.0878, 63.6930,
87.0778

■ 28.7349, 44.8924,
18.0726

■ 77.0001, 67.9370,
103.3282

■ 26.0194, 43.5846,
13.7879

■ 79.7145, 69.3290,
103.7882

■ 23.9157, 42.5674,
10.6460

■ 22.3751, 41.8183,
8.5375

■ 21.3416, 41.3111,
7.3314

■ 20.8222, 41.0540,
6.8268

Harmonies

Analogous

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



48.8125, 53.4070, 44.2354



46.5214, 53.4070, 48.4141



45.3797, 53.4070, 55.4897

Triad

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



46.5214, 53.4070, 48.4141



49.8237, 53.4070, 75.6552



56.2570, 53.4070, 52.6770

Complementary

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



46.5214, 53.4070, 48.4141



48.4059, 46.5207, 60.4638

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.



56.5533, 53.4070, 60.8964



46.5214, 53.4070, 48.4141



52.7622, 53.4070, 74.7163

Square

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



46.5214, 53.4070, 48.4141



47.2371, 53.4070, 71.5668



55.2522, 53.4070, 69.1133



54.4575, 53.4070, 46.5264

Rectangle

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



46.5214, 53.4070, 48.4141



45.3927, 53.4070, 61.1305



55.2522, 53.4070, 69.1133



56.5383, 53.4070, 55.2702

Sweetspot

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



46.5229, 53.4093, 48.4153



90.2431, 97.7067, 100.3292



50.9882, 54.6295, 48.4154



19.1279, 20.8236, 21.1406



0.0000, 0.0000, 0.0000



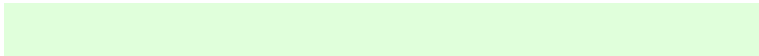
20.3446, 21.4041, 23.3091

Same Dimension

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



46.5229, 53.4093, 48.4153



79.2522, 92.4595, 80.8945



46.7351, 53.4155, 53.0861



10.6186, 11.9503, 11.3097



13.4293, 26.4184, 4.3915



0.6777, 1.2725, 0.2099

Inverse Universe

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



48.4059, 46.5207, 60.4638



83.0776, 78.4634, 105.3740



48.2012, 46.5299, 55.2726



10.9477, 10.7468, 13.4148



17.9229, 8.4738, 35.4353



0.8862, 0.4206, 1.6796

Previews

White Background



This preview shows how the XYZ color 46.5214, 53.4070, 48.4141 looks on a white background.

Color Contrast Check

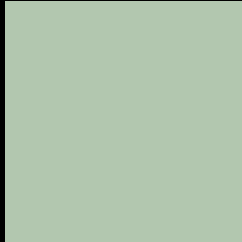
Large Text (above 18pt) WCAG AA × Fail

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 46.5214, 53.4070, 48.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

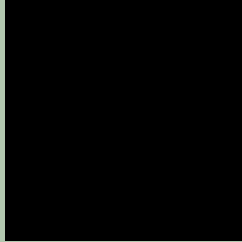
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

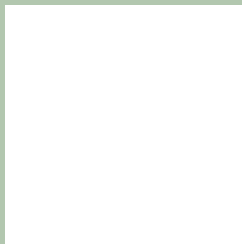
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5214, 53.4070, 48.4141

Background



This preview shows how black text looks on a background with the XYZ color 46.5214, 53.4070, 48.4141.



This preview shows how white text looks on a background with the XYZ color 46.5214, 53.4070,

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

46.5214, 53.4070, 48.4141

Protanopia

50.2877, 53.0571, 46.1187

Deuteranopia

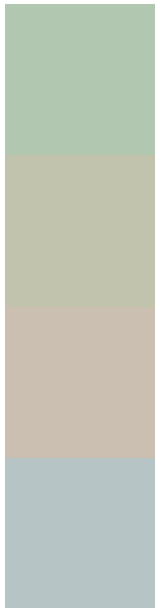
54.2101, 53.0839, 49.5085



Tritanopia

50.5676, 53.3774, 67.9593

Trichromacy



Original Color

46.5214, 53.4070, 48.4141

Protanomaly

48.9538, 53.3462, 46.7464

Deuteranomaly

51.1952, 53.1324, 49.1523

Tritanomaly

49.1094, 53.4562, 60.5531

Monochromacy



Original Color

46.5214, 53.4070, 48.4141

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.0766, 52.0818, 53.4178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5214, 53.4070, 48.4141 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(178, 199, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 175)  
}
```

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(178, 199, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 175) }
```

Border

The CSS property to change the border of an element to XYZ 46.5214, 53.4070, 48.4141 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(178, 199, 175) }
```


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

```
.border{ border-color:rgb(178, 199, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 199, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5214, 53.4070, 48.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 175) }
```

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

```
.background{ background-color: rgb(178,  
199, 175) }
```

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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