

Converting Colors

XYZ(48.4528, 55.2884, 46.7624)

Have a look what the booklet for
XYZ(48.4528, 55.2884, 46.7624)
contains.

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Color

**XYZ(48.2449, 55.0279,
46.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C9AB
RGB	185, 201, 171
RGB Percent	73%, 79%, 67%
CMY	0.2745, 0.2117, 0.3294
CMYK	0.08, 0.00, 0.15, 0.21
HSL	92°, 22%, 73%
HSV	92°, 15%, 79%
XYZ	48.2449, 55.0279, 46.6067
YIQ	192.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

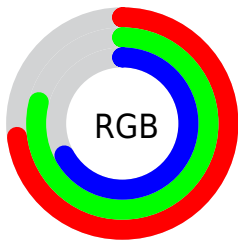
Format	Color
RYB	171, 201, 187
Decimal	12175787
CIELab	79.06, -10.88, 13.16
CIELCh	79, 17.080, 129.577
Yxy	55.0279, 0.3219, 0.3671
Android (android.graphics.Color)	4290365867 (0xFFB9C9AB)
YUV	192.7960, -10.7454, -6.8371
Hunter-Lab	74.1808, -13.7255, 14.6755

Details

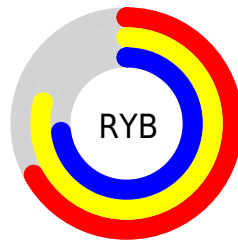
The XYZ color **48.2449, 55.0279, 46.6067** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6013, 43.9092, 61.3332**, and the grayscale version is **50.6311, 53.2679, 58.0087**.

A 20% lighter version of the original color is **85.7631, 95.7118, 85.9055**, and **23.2792, 27.1049, 21.4576** is the 20% darker color. If you saturate the color by 10%, you get **43.9834, 53.0375, 37.1551**, and if you desaturate by 10%, it is **52.9958, 57.2402, 57.6044**.

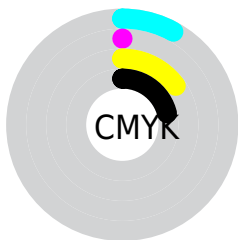
Distribution



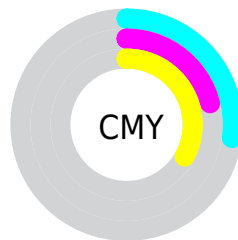
- Red (73%)
- Green (79%)
- Blue (67%)



- Red (67%)
- Yellow (79%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2449, 55.0279, 46.6067 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 48.2449, 55.0279, 46.6067 by changing the saturation by 10% instead.

■ 48.2449, 55.0279,
46.6067

■ 48.2449, 55.0279,
46.6067

370.3285,
406.0177, 389.5907

■ 34.2329, 39.4241,
32.3727

■ 86.7764, 97.5818,
86.4701

■ 23.2363, 27.0898,
21.3792

112.0267,
125.3007, 112.9366

■ 14.8898, 17.6407,
13.2075

141.7537,
157.8267, 144.3176

■ 8.8279, 10.6923,
7.4392

176.3229,
195.5443, 181.0318

■ 4.6853, 5.8603,
3.6557

216.0997,
238.8378, 223.4977

■ 2.0967, 2.7603,
1.4384

261.4493,

■ 0.6874, 1.0079,

288.0916, 272.1337

0.1714

312.7371,
343.6901, 327.3586

■ 0.0000, 0.0000,
0.0000

■ 48.2449, 55.0279,
46.6067

■ 48.2449, 55.0279,
46.6067

■ 43.9834, 53.0375,
37.1551

■ 52.9958, 57.2402,
57.6044

■ 40.1896, 51.2543,
29.1768

■ 58.2482, 59.6744,
70.2095

■ 36.8463, 49.6730,
22.5983

■ 64.0192, 62.3394,
84.4844

■ 33.9337, 48.2848,
17.3386

■ 70.3235, 65.2418,
100.4871

■ 31.4299, 47.0807,
13.3083

■ 74.4028, 67.2785,
103.6723

■ 29.3111, 46.0504,
10.4067

■ 78.1231, 69.1963,
103.8464

■ 27.5499, 45.1825,
8.5174

■ 80.1778, 70.2556,
103.9426

■ 26.1140, 44.4633,
7.4988

■ 25.4820, 44.1440,
7.1776

Harmonies

Analogous

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



51.2217, 55.0279, 43.2782



48.2449, 55.0279, 46.6067



46.4092, 55.0279, 53.6144

Triad

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



48.2449, 55.0279, 46.6067



50.0531, 55.0279, 79.2408



59.0206, 55.0279, 56.8532

Complementary

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



48.2449, 55.0279, 46.6067



45.6013, 43.9092, 61.3332

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.



58.6745, 55.0279, 66.6930



48.2449, 55.0279, 46.6067



53.3981, 55.0279, 80.3500

Square

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



48.2449, 55.0279, 46.6067



47.4213, 55.0279, 72.6604



56.5812, 55.0279, 75.5448



57.5074, 55.0279, 48.7564

Rectangle

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



48.2449, 55.0279, 46.6067



46.0307, 55.0279, 59.7779



56.5812, 55.0279, 75.5448



59.1193, 55.0279, 60.0544

Sweetspot

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



48.2464, 55.0303, 46.6079



91.4775, 98.3430, 100.3869



49.2106, 50.9006, 45.7600



19.4395, 20.9843, 21.1552



0.0000, 0.0000, 0.0000



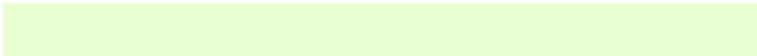
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2464, 55.0303, 46.6079



80.0801, 93.0370, 74.1238



45.1293, 53.4123, 46.9616



10.9601, 12.1263, 11.3257



16.1249, 27.8080, 4.5176



0.8469, 1.3597, 0.2178

Inverse Universe

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



45.6013, 43.9092, 61.3332



74.6701, 70.2920, 104.2399



49.0778, 45.7149, 60.8837



10.5878, 10.5613, 13.3980



10.5642, 4.6803, 35.0910



0.5833, 0.2644, 1.6654

Previews

White Background



This preview shows how the XYZ color 48.2449, 55.0279, 46.6067 looks on a white background.

Color Contrast Check

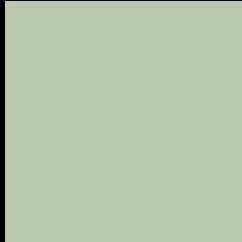
Large Text (above 18pt) WCAG AA × Fail

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 48.2449, 55.0279, 46.6067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

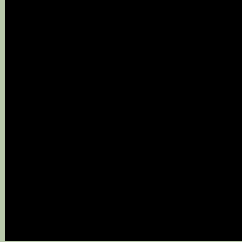
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

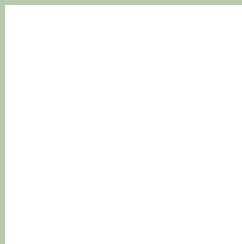
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2449, 55.0279, 46.6067

Background



This preview shows how black text looks on a background with the XYZ color 48.2449, 55.0279, 46.6067.



This preview shows how white text looks on a background with the XYZ color 48.2449, 55.0279,

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

48.2449, 55.0279, 46.6067

Protanopia

51.7598, 54.8365, 44.9023

Deuteranopia

55.7474, 54.5520, 47.6358



Tritanopia

52.7588, 54.8097, 69.4267

Trichromacy



Original Color

48.2449, 55.0279, 46.6067

Protanomaly

50.4164, 54.8028, 45.4569

Deuteranomaly

52.9073, 54.7124, 47.3072

Tritanomaly

50.9163, 54.7368, 60.1062

Monochromacy



Original Color

48.2449, 55.0279, 46.6067

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.7321, 53.9298, 53.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2449, 55.0279, 46.6067 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(185, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 171)  
}
```

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(185, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 171) }
```

Border

The CSS property to change the border of an element to XYZ 48.2449, 55.0279, 46.6067 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(185, 201, 171) }
```


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

```
.border{ border-color:rgb(185, 201, 171) }
```

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

Here you see how a box with a 4 pixel rgb(185, 201, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2449, 55.0279, 46.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 171) }
```

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

```
.background{ background-color: rgb(185,  
201, 171) }
```

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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