

Converting Colors

XYZ(49.0449, 56.8315, 47.4144)

Have a look what the booklet for
XYZ(49.0449, 56.8315, 47.4144)
contains.

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Color

**XYZ(49.0449, 56.8315,
47.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CDAC
RGB	184, 205, 172
RGB Percent	72%, 80%, 67%
CMY	0.2784, 0.1961, 0.3255
CMYK	0.10, 0.00, 0.16, 0.20
HSL	98°, 25%, 74%
HSV	98°, 16%, 80%
XYZ	49.0449, 56.8315, 47.4144
YIQ	194.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

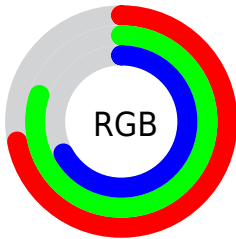
Format	Color
RYB	172, 205, 193
Decimal	12111276
CIELab	80.08, -13.12, 14.07
CIELCh	80, 19.236, 132.994
Yxy	56.8315, 0.3199, 0.3707
Android (android.graphics.Color)	4290301356 (0xFFB8CDAC)
YUV	194.9590, -11.3188, -9.6110
Hunter-Lab	75.3867, -15.7985, 15.4803

Details

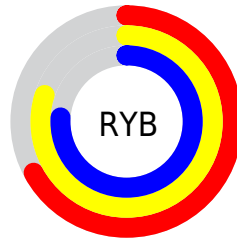
The XYZ color **49.0449, 56.8315, 47.4144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7665, 45.2518, 63.9774**, and the grayscale version is **51.9147, 54.6184, 59.4794**.

A 20% lighter version of the original color is **85.5603, 95.5913, 86.6145**, and **23.8168, 28.3146, 21.9793** is the 20% darker color. If you saturate the color by 10%, you get **44.2438, 54.5683, 37.6929**, and if you desaturate by 10%, it is **54.4411, 59.3697, 58.7516**.

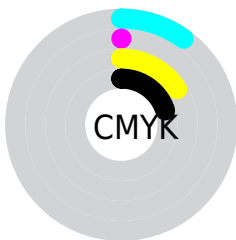
Distribution



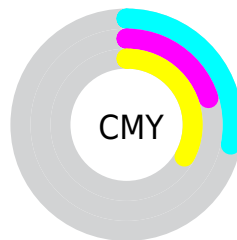
- Red (72%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0449, 56.8315, 47.4144 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 49.0449, 56.8315, 47.4144 by changing the saturation by 10% instead.

■ 49.0449, 56.8315,
47.4144

■ 49.0449, 56.8315,
47.4144

373.4331,
412.8176, 392.9078

■ 34.8698, 40.8700,
33.0067

■ 87.9585, 100.2193,
87.6883

■ 23.7286, 28.2175,
21.8604

113.4276,
128.4143, 114.3916

■ 15.2561, 18.4897,
13.5570

143.3921,
161.4560, 146.0305

■ 9.0868, 11.3021,
7.6780

178.2174,
199.7287, 183.0235

■ 4.8554, 6.2704,
3.8048

218.2688,
243.6168, 225.7892

■ 2.1966, 3.0102,
1.5189

263.9116,

■ 0.7409, 1.1371,

293.5047, 274.7461

0.2319

315.5113,
349.7769, 330.3128

■ 0.0000, 0.0094,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.0449, 56.8315,
47.4144

■ 49.0449, 56.8315,
47.4144

■ 44.2438, 54.5683,
37.6929

■ 54.4411, 59.3697,
58.7516

■ 40.0116, 52.5633,
29.5099

■ 60.4483, 62.1846,
71.7694

■ 36.3268, 50.8087,
22.7875

■ 67.0874, 65.2873,
86.5340

■ 33.1646, 49.2936,
17.4395

■ 74.3770, 68.6859,
103.1066

■ 30.4980, 48.0062,
13.3706

■ 79.0331, 71.0678,
104.1597

■ 28.2975, 46.9337,
10.4733

■ 81.1224, 72.1448,
104.2575

■ 26.5293, 46.0613,
8.6226

■ 25.1531, 45.3717,
7.6616

■ 24.6980, 45.1421,
7.4116

Harmonies

Analogous

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



52.3419, 56.8315, 43.1627



49.0449, 56.8315, 47.4144



47.1340, 56.8315, 55.7869

Triad

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



49.0449, 56.8315, 47.4144



51.8450, 56.8315, 84.8668



61.6875, 56.8315, 57.1586

Complementary

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



49.0449, 56.8315, 47.4144



47.7665, 45.2518, 63.9774

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.



61.5386, 56.8315, 68.4010



49.0449, 56.8315, 47.4144



55.7267, 56.8315, 85.3499

Square

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



49.0449, 56.8315, 47.4144



48.6963, 56.8315, 77.7738



59.3135, 56.8315, 79.0234



59.7110, 56.8315, 48.3137

Rectangle

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



49.0449, 56.8315, 47.4144



46.8435, 56.8315, 63.0124



59.3135, 56.8315, 79.0234



61.8871, 56.8315, 60.7609

Sweetspot

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



49.0464, 56.8340, 47.4156



90.1421, 97.6992, 98.3082



51.6733, 54.0557, 46.7409



19.1509, 20.8445, 20.7356



0.0000, 0.0000, 0.0000



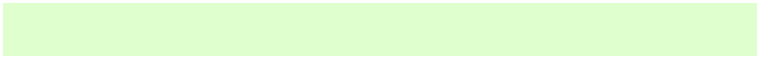
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0464, 56.8340, 47.4156



77.7594, 91.8768, 72.3791



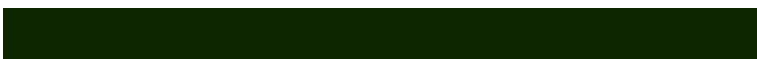
46.7224, 55.5862, 49.5499



11.4467, 12.7322, 11.9337



15.4703, 28.1506, 4.6182



0.8808, 1.4949, 0.2421

Inverse Universe

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



47.7665, 45.2518, 63.9774



75.3074, 69.6986, 104.0918



50.4271, 46.6839, 61.3677



11.2766, 11.1919, 14.1363



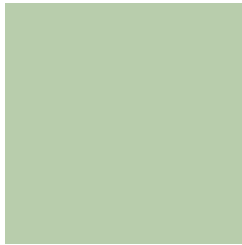
12.7429, 5.7767, 36.3997



0.7388, 0.3400, 1.8816

Previews

White Background



This preview shows how the XYZ color 49.0449, 56.8315, 47.4144 looks on a white background.

Color Contrast Check

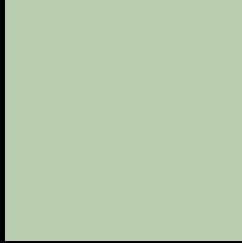
Large Text (above 18pt) WCAG AA × Fail

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 49.0449, 56.8315, 47.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

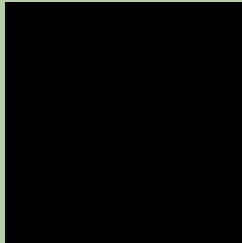
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

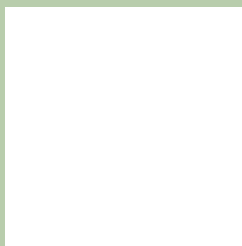
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0449, 56.8315, 47.4144

Background



This preview shows how black text looks on a background with the XYZ color 49.0449, 56.8315, 47.4144.



This preview shows how white text looks on a background with the XYZ color 49.0449, 56.8315,

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

49.0449, 56.8315, 47.4144

Protanopia

53.5565, 56.7706, 45.1809

Deuteranopia

57.7327, 56.5255, 48.4251



Tritanopia

54.1750, 56.8295, 72.4038

Trichromacy



Original Color

49.0449, 56.8315, 47.4144

Protanomaly

51.8675, 56.9172, 45.7885

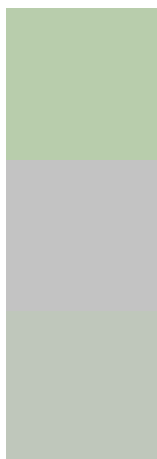
Deuteranomaly

54.2439, 56.3847, 48.0688

Tritanomaly

51.9345, 56.5882, 62.2182

Monochromacy



Original Color

49.0449, 56.8315, 47.4144

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.8789, 55.5111, 55.0468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0449, 56.8315, 47.4144 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(184, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 172)  
}
```

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(184, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 172) }
```

Border

The CSS property to change the border of an element to XYZ 49.0449, 56.8315, 47.4144 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(184, 205, 172) }
```


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

```
.border{ border-color:rgb(184, 205, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 205, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0449, 56.8315, 47.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 205, 172) }
```

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

```
.background{ background-color: rgb(184,  
205, 172) }
```

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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