

Converting Colors

XYZ(47.7094, 55.7671, 48.2961)

Have a look what the booklet for
XYZ(47.7094, 55.7671, 48.2961)
contains.

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Color

**XYZ(47.8233, 55.8254,
48.2992)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CCAE
RGB	179, 204, 174
RGB Percent	70%, 80%, 68%
CMY	0.2980, 0.2000, 0.3176
CMYK	0.12, 0.00, 0.15, 0.20
HSL	110°, 23%, 74%
HSV	110°, 15%, 80%
XYZ	47.8233, 55.8254, 48.2992
YIQ	193.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

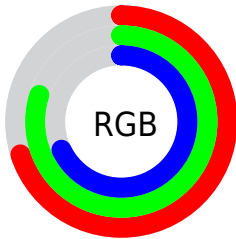
Format	Color
RYB	174, 204, 199
Decimal	11783342
CIELab	79.51, -14.02, 12.15
CIELCh	80, 18.549, 139.082
Yxy	55.8254, 0.3147, 0.3674
Android (android.graphics.Color)	4289973422 (0xFFB3CCA E)
YUV	193.1050, -9.4188, -12.3701
Hunter-Lab	74.7164, -16.5022, 13.9744

Details

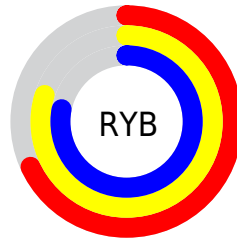
The XYZ color **47.8233, 55.8254, 48.2992** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.5904, 46.7753, 63.5444**, and the grayscale version is **50.8074, 53.4534, 58.2107**.

A 20% lighter version of the original color is **84.3039, 94.8953, 88.7363**, and **23.0234, 27.6535, 22.5365** is the 20% darker color. If you saturate the color by 10%, you get **42.2939, 53.1891, 38.4354**, and if you desaturate by 10%, it is **54.1423, 58.8371, 59.7791**.

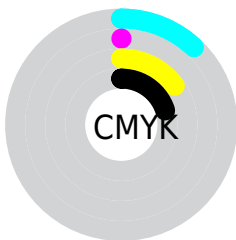
Distribution



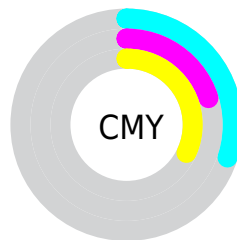
- Red (70%)
- Green (80%)
- Blue (68%)



- Red (68%)
- Yellow (80%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8233, 55.8254, 48.2992 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 47.8233, 55.8254, 48.2992 by changing the saturation by 10% instead.

■ 47.8233, 55.8254,
48.2992

■ 47.8233, 55.8254,
48.2992

368.6856,
409.0332, 396.5197

■ 33.8976, 40.0630,
33.7022

■ 86.1525, 98.7492,
89.0199

■ 22.9775, 27.5876,
22.3894

111.2868,
126.6794, 115.9807

■ 14.6975, 18.0150,
13.9423

140.8881,
159.4343, 147.8998

■ 8.6923, 10.9608,
7.9422

175.3216,
197.3983, 185.1959

■ 4.5965, 6.0405,
3.9708

214.9527,
240.9558, 228.2873

■ 2.0448, 2.8697,
1.6093

260.1469,

■ 0.6590, 1.0641,

290.4912, 277.5928

0.2975

311.2694,
346.3888, 333.5307

■ 0.0000, 0.0000,
0.0000

■ 47.8233, 55.8254,
48.2992

■ 47.8233, 55.8254,
48.2992

■ 42.2939, 53.1891,
38.4354

■ 54.1423, 58.8371,
59.7791

■ 37.5185, 50.9066,
30.1116

■ 61.2758, 62.2306,
72.9391

■ 33.4653, 48.9647,
23.2512

■ 69.2530, 66.0214,
87.8444

■ 30.0986, 47.3470,
17.7696

■ 78.0033, 70.1829,
104.0432

■ 27.3794, 46.0353,
13.5734

■ 80.8839, 71.6679,
104.1780

■ 25.2651, 45.0098,
10.5578

■ 23.7071, 44.2484,
8.6014

■ 22.6492, 43.7250,
7.5566

■ 22.2535, 43.5279,
7.2288

Harmonies

Analogous

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



50.7501, 55.8254, 43.3660



47.8233, 55.8254, 48.2992



46.3252, 55.8254, 56.9764

Triad

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



47.8233, 55.8254, 48.2992



51.7135, 55.8254, 83.2654



60.1310, 55.8254, 54.3137

Complementary

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



47.8233, 55.8254, 48.2992



49.5904, 46.7753, 63.5444

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.



60.4187, 55.8254, 64.7584



47.8233, 55.8254, 48.2992



55.4397, 55.8254, 82.3354

Square

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



47.8233, 55.8254, 48.2992



48.5001, 55.8254, 77.6639



58.6665, 55.8254, 75.2546



57.8979, 55.8254, 46.5470

Rectangle

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



47.8233, 55.8254, 48.2992



46.2887, 55.8254, 64.0845



58.6665, 55.8254, 75.2546



60.4622, 55.8254, 57.5995

Sweetspot

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



47.8248, 55.8278, 48.3004



90.3925, 97.7837, 100.3362



52.9675, 56.7427, 48.2060



19.1656, 20.8430, 21.1424



0.0000, 0.0000, 0.0000



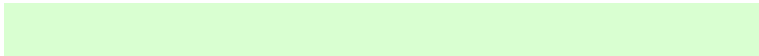
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8248, 55.8278, 48.3004



75.8217, 90.8417, 73.9245



47.7018, 55.6475, 53.5757



11.2394, 12.6253, 11.9240



14.0594, 27.4232, 4.5522



0.7809, 1.4434, 0.2374

Inverse Universe

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



49.5904, 46.7753, 63.5444



79.3567, 72.7080, 104.4592



49.7774, 47.0059, 57.4905



11.4969, 11.3055, 14.1466



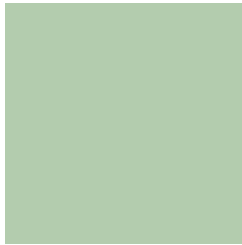
17.3625, 8.1582, 36.6159



0.9457, 0.4467, 1.8913

Previews

White Background



This preview shows how the XYZ color 47.8233, 55.8254, 48.2992 looks on a white background.

Color Contrast Check

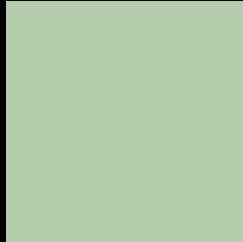
Large Text (above 18pt) WCAG AA × Fail

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 47.8233, 55.8254, 48.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

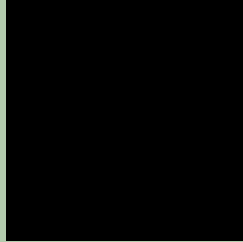
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8233, 55.8254, 48.2992

Background



This preview shows how black text looks on a background with the XYZ color 47.8233, 55.8254, 48.2992.



This preview shows how white text looks on a background with the XYZ color 47.8233, 55.8254,

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

47.8233, 55.8254, 48.2992

Protanopia

52.4492, 55.5039, 45.9792

Deuteranopia

56.7807, 55.6892, 49.3514



Tritanopia

52.3393, 55.5575, 71.5834

Trichromacy



Original Color

47.8233, 55.8254, 48.2992

Protanomaly

50.5391, 55.5229, 46.5814

Deuteranomaly

53.0837, 55.4302, 48.9756

Tritanomaly

50.4915, 55.4994, 62.0841

Monochromacy



Original Color

47.8233, 55.8254, 48.2992

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.5682, 54.1690, 54.2975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8233, 55.8254, 48.2992 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(179, 204, 174)` looks like.

```
.text, #text, p{  
    color:rgb(179, 204, 174)  
}
```

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(179, 204, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 204, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.8233, 55.8254, 48.2992 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(179, 204, 174) }
```


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

```
.border{ border-color:rgb(179, 204, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 204, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 204, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 204, 174);  
box-shadow:4px 4px 4px 4px rgb(179, 204,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8233, 55.8254, 48.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 204, 174) }
```

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

```
.background{ background-color: rgb(179,  
204, 174) }
```

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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