

Converting Colors

XYZ(48.8676, 54.6006, 47.8902)

Have a look what the booklet for
XYZ(48.8676, 54.6006, 47.8902)
contains.

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Color

**XYZ(48.8024, 54.5942,
48.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC7AE
RGB	188, 199, 174
RGB Percent	74%, 78%, 68%
CMY	0.2627, 0.2196, 0.3176
CMYK	0.06, 0.00, 0.13, 0.22
HSL	86°, 18%, 73%
HSV	86°, 13%, 78%
XYZ	48.8024, 54.5942, 48.0100
YIQ	192.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

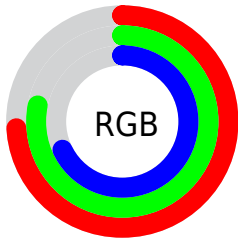
Format	Color
RYB	174, 199, 185
Decimal	12371886
CIELab	78.81, -8.27, 11.23
CIElCh	79, 13.952, 126.363
Yxy	54.5942, 0.3223, 0.3606
Android (android.graphics.Color)	4290561966 (0xFFBCC7AE)
YUV	192.8610, -9.2985, -4.2631
Hunter-Lab	73.8879, -11.4059, 13.1968

Details

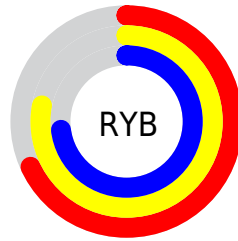
The XYZ color **48.8024, 54.5942, 48.0100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4547, 44.7115, 60.2702**, and the grayscale version is **50.6604, 53.2987, 58.0423**.

A 20% lighter version of the original color is **87.2111, 96.4102, 88.1413**, and **23.6299, 26.8068, 22.3412** is the 20% darker color. If you saturate the color by 10%, you get **44.9122, 52.7981, 38.4400**, and if you desaturate by 10%, it is **53.1141, 56.5775, 59.1025**.

Distribution



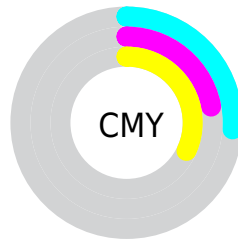
- Red (74%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8024, 54.5942, 48.0100 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 48.8024, 54.5942, 48.0100 by changing the saturation by 10% instead.

■ 48.8024, 54.5942,
48.0100

■ 48.8024, 54.5942,
48.0100

372.4938,
404.3718, 395.3416

■ 34.6766, 39.0769,
33.4748

■ 87.6004, 96.9461,
88.5850

■ 23.5792, 26.8196,
22.2163

113.0033,
124.5496, 115.4618

■ 15.1448, 17.4378,
13.8161

142.8961,
156.9506, 147.2896

■ 9.0081, 10.5471,
7.8556

177.6439,
194.5334, 184.4869

■ 4.8036, 5.7632,
3.9162

217.6123,
237.6826, 227.4722

■ 2.1661, 2.7016,
1.5795

263.1664,

■ 0.7248, 0.9780,

286.7824, 276.6640

0.2761

314.6718,
342.2174, 332.4810

■ 0.0000, 0.0000,
0.0000

■ 48.8024, 54.5942,
48.0100

■ 48.8024, 54.5942,
48.0100

■ 44.9122, 52.7981,
38.4400

■ 53.1141, 56.5775,
59.1025

■ 41.4240, 51.1760,
30.3224

■ 57.8567, 58.7469,
71.7761

■ 38.3235, 49.7235,
23.5871

■ 63.0453, 61.1102,
86.0910

■ 35.5936, 48.4335,
18.1566

■ 68.6924, 63.6728,
102.1030

■ 33.2156, 47.2983,
13.9459

■ 71.6859, 65.1902,
103.4124

■ 31.1689, 46.3094,
10.8600

■ 74.5970, 66.6909,
103.5487

■ 29.4301, 45.4570,
8.7897

■ 77.6518, 68.2657,
103.6916

■ 27.9715, 44.7299,
7.6039

■ 79.7145, 69.3291,
103.7882

■ 27.0332, 44.2560,
7.1175

Harmonies

Analogous

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



51.3033, 54.5942, 45.5636



48.8024, 54.5942, 48.0100



47.1720, 54.5942, 53.5477

Triad

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



48.8024, 54.5942, 48.0100



49.7883, 54.5942, 74.5064



57.3533, 54.5942, 57.7727

Complementary

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



48.8024, 54.5942, 48.0100



45.4547, 44.7115, 60.2702

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.



56.9128, 54.5942, 65.7576



48.8024, 54.5942, 48.0100



52.4814, 54.5942, 75.8903

Square

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



48.8024, 54.5942, 48.0100



47.7270, 54.5942, 68.9327



55.1055, 54.5942, 72.5625



56.2887, 54.5942, 50.8683

Rectangle

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



48.8024, 54.5942, 48.0100



46.7648, 54.5942, 58.4836



55.1055, 54.5942, 72.5625



57.3769, 54.5942, 60.4145

Sweetspot

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



48.8039, 54.5966, 48.0112



91.8186, 98.5189, 100.4029



48.5093, 49.8283, 47.1063



19.5259, 21.0288, 21.1592



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.



48.8039, 54.5966, 48.0112



83.5675, 94.7226, 79.3541



45.8943, 53.0966, 47.8750



11.0560, 12.1758, 11.3302



17.4841, 28.5087, 4.5812



0.9101, 1.3923, 0.2208

Inverse Universe

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



45.4547, 44.7115, 60.2702



76.5938, 74.1390, 104.8811



48.5603, 46.3125, 60.4155



10.4922, 10.5120, 13.3935



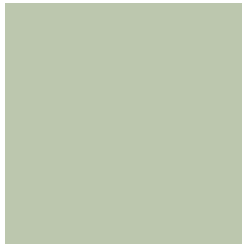
9.2883, 4.0225, 35.0312



0.5227, 0.2332, 1.6626

Previews

White Background



This preview shows how the XYZ color 48.8024, 54.5942, 48.0100 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 48.8024, 54.5942, 48.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

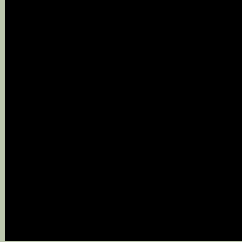
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

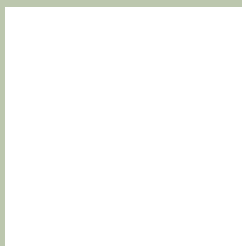
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8024, 54.5942, 48.0100

Background



This preview shows how black text looks on a background with the XYZ color 48.8024, 54.5942, 48.0100.



This preview shows how white text looks on a background with the XYZ color 48.8024, 54.5942,

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

48.8024, 54.5942, 48.0100

Protanopia

51.6400, 54.3995, 46.8082

Deuteranopia

55.6385, 54.4732, 48.6562



Tritanopia

52.7927, 54.5245, 68.0634

Trichromacy



Original Color

48.8024, 54.5942, 48.0100

Protanomaly

50.5715, 54.5028, 47.3898

Deuteranomaly

52.8820, 54.3497, 48.2608

Tritanomaly

51.1896, 54.5417, 60.0542

Monochromacy



Original Color

48.8024, 54.5942, 48.0100

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.8639, 53.6517, 54.1821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8024, 54.5942, 48.0100 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(188, 199, 174)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 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(188, 199, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 174) }
```

Border

The CSS property to change the border of an element to XYZ 48.8024, 54.5942, 48.0100 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(188, 199, 174) }
```


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

```
.border{ border-color:rgb(188, 199, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 199, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 174);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8024, 54.5942, 48.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 174) }
```

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

```
.background{ background-color: rgb(188,  
199, 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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