

Converting Colors

XYZ(48.4759, 54.0967, 47.4219)

Have a look what the booklet for
XYZ(48.4759, 54.0967, 47.4219)
contains.

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Color

**XYZ(48.4759, 54.0967,
47.4219)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC6AD
RGB	188, 198, 173
RGB Percent	74%, 78%, 68%
CMY	0.2627, 0.2235, 0.3216
CMYK	0.05, 0.00, 0.13, 0.22
HSL	84°, 18%, 73%
HSV	84°, 13%, 78%
XYZ	48.4759, 54.0967, 47.4219
YIQ	192.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

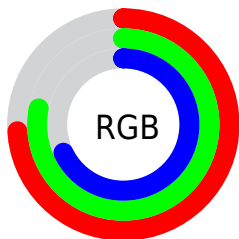
Format	Color
RYB	173, 198, 183
Decimal	12371629
CIELab	78.52, -7.92, 11.36
CIELCh	79, 13.850, 124.887
Yxy	54.0967, 0.3232, 0.3607
Android (android.graphics.Color)	4290561709 (0xFFBCC6AD)
YUV	192.1600, -9.4459, -3.6483
Hunter-Lab	73.5505, -11.0669, 13.2579

Details

The XYZ color **48.4759, 54.0967, 47.4219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6673, 44.0332, 59.5741**, and the grayscale version is **50.2502, 52.8672, 57.5723**.

A 20% lighter version of the original color is **87.0718, 96.3545, 87.4079**, and **23.4161, 26.4779, 21.9657** is the 20% darker color. If you saturate the color by 10%, you get **44.8022, 52.4096, 37.9789**, and if you desaturate by 10%, it is **52.5437, 55.9573, 58.3679**.

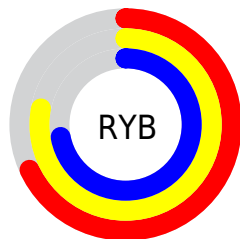
Distribution



Red (74%)

Green (78%)

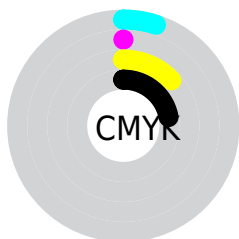
Blue (68%)



Red (68%)

Yellow (78%)

Blue (72%)

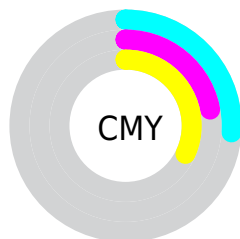


Cyan (5%)

Magenta (0%)

Yellow (13%)

Black (22%)



Cyan (26%)


Magenta (22%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4759, 54.0967, 47.4219 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 48.4759, 54.0967, 47.4219 by changing the saturation by 10% instead.

 48.4759, 54.0967,
47.4219

 48.4759, 54.0967,
47.4219


371.2267,
402.4787, 392.9385

 34.4167, 38.6790,
33.0126


 87.1180, 96.2162,
87.6996

 23.3783, 26.5101,
21.8649


112.4316,
123.6868, 114.4051

 14.9953, 17.2056,
13.5603


142.2274,
155.9438, 146.0463

 8.9024, 10.3812,
7.6802

176.8707,
193.3716, 183.0419

 4.7342, 5.6524,
3.8062

216.7270,
236.3546, 225.8104

 2.1253, 2.6349,
1.5196

262.1615,

 0.7029, 0.9442,

285.2771, 274.7703

0.2325

313.5396,
340.5237, 330.3401

■ 0.0000, 0.0000,
0.0000

■ 48.4759, 54.0967,
47.4219

■ 48.4759, 54.0967,
47.4219

■ 44.8022, 52.4096,
37.9789

■ 52.5437, 55.9573,
58.3679

■ 41.5040, 50.8832,
29.9696

■ 57.0146, 57.9899,
70.8748

■ 38.5677, 49.5136,
23.3248

■ 61.9026, 60.2022,
85.0020

■ 35.9770, 48.2939,
17.9680

■ 67.2199, 62.5990,
100.8046

■ 33.7142, 47.2169,
13.8153

■ 70.1176, 64.0412,
103.2733

■ 31.7595, 46.2746,
10.7725

■ 72.6834, 65.3640,
103.3934

■ 30.0905, 45.4576,
8.7319

■ 75.3658, 66.7468,
103.5190

■ 28.6807, 44.7552,
7.5640

■ 78.1663, 68.1905,
103.6500

■ 27.7727, 44.2968,
7.0864

■ 79.4852, 68.8704,
103.7117

Harmonies

Analogous

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



50.9718, 54.0967, 45.1699



48.4759, 54.0967, 47.4219



46.8137, 54.0967, 52.7555

Triad

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



48.4759, 54.0967, 47.4219



49.2237, 54.0967, 73.5740



56.8211, 54.0967, 57.6318

Complementary

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



48.4759, 54.0967, 47.4219



44.6673, 44.0332, 59.5741

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.



56.3132, 54.0967, 65.5085



48.4759, 54.0967, 47.4219



51.8654, 54.0967, 75.1686

Square

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



48.4759, 54.0967, 47.4219



47.2347, 54.0967, 67.9163



54.4753, 54.0967, 72.1000



55.8398, 54.0967, 50.7230

Rectangle

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



48.4759, 54.0967, 47.4219



46.3691, 54.0967, 57.5739



54.4753, 54.0967, 72.1000



56.8192, 54.0967, 60.2506

Sweetspot

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



48.4774, 54.0990, 47.4231



91.9653, 98.5945, 100.4098



47.7671, 48.8918, 46.4554



19.5630, 21.0479, 21.1610



0.0000, 0.0000, 0.0000



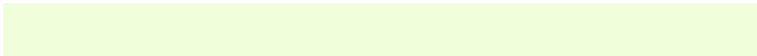
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4774, 54.0990, 47.4231



84.0837, 94.9888, 79.3783



45.5302, 52.5798, 47.2851



11.0974, 12.1972, 11.3322



18.1590, 28.8566, 4.6128



0.9400, 1.4077, 0.2222

Inverse Universe

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



44.6673, 44.0332, 59.5741



76.0949, 73.8819, 104.8577



47.7738, 45.6346, 59.7195



10.4516, 10.4911, 13.3916



8.8287, 3.7856, 35.0097



0.4994, 0.2212, 1.6615

Previews

White Background



This preview shows how the XYZ color 48.4759, 54.0967, 47.4219 looks on a white background.

Color Contrast Check

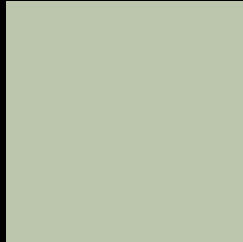
Large Text (above 18pt) WCAG AA × Fail

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 48.4759, 54.0967, 47.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

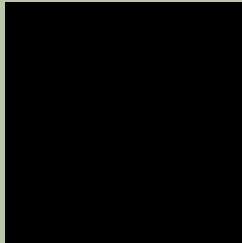
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4759, 54.0967, 47.4219

Background



This preview shows how black text looks on a background with the XYZ color 48.4759, 54.0967, 47.4219.



This preview shows how white text looks on a background with the XYZ color 48.4759, 54.0967,

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

48.4759, 54.0967, 47.4219

Protanopia

51.2711, 54.2204, 46.2914

Deuteranopia

55.0234, 53.8514, 48.0518



Tritanopia

52.4474, 54.0315, 67.3393

Trichromacy



Original Color

48.4759, 54.0967, 47.4219

Protanomaly

50.2502, 54.0145, 46.8071

Deuteranomaly

52.2832, 53.7275, 47.6592

Tritanomaly

50.8513, 54.0467, 59.3817

Monochromacy



Original Color

48.4759, 54.0967, 47.4219

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5346, 53.1627, 53.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4759, 54.0967, 47.4219 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, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 173)  
}
```

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, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.4759, 54.0967, 47.4219 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, 198, 173) }
```


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

```
.border{ border-color:rgb(188, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4759, 54.0967, 47.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 173) }
```

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

```
.background{ background-color: rgb(188,  
198, 173) }
```

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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