

Converting Colors

XYZ(45.0008, 49.2875, 47.4570)

Have a look what the booklet for
XYZ(45.0008, 49.2875, 47.4570)
contains.

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Color

**XYZ(44.9915, 49.3141,
47.7047)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BDAF
RGB	181, 189, 175
RGB Percent	71%, 74%, 69%
CMY	0.2902, 0.2588, 0.3137
CMYK	0.04, 0.00, 0.07, 0.26
HSL	94°, 10%, 71%
HSV	94°, 7%, 74%
XYZ	44.9915, 49.3141, 47.7047
YIQ	185.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

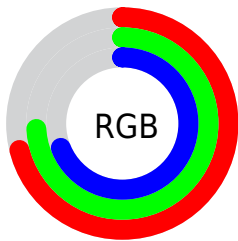
Format	Color
RYB	175, 189, 183
Decimal	11910575
CIELab	75.65, -5.35, 6.11
CIELCh	76, 8.123, 131.232
Yxy	49.3141, 0.3168, 0.3473
Android (android.graphics.Color)	4290100655 (0xFFB5BDAF)
YUV	185.0120, -4.9359, -3.5185
Hunter-Lab	70.2240, -8.5296, 8.8798

Details

The XYZ color **44.9915, 49.3141, 47.7047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0457, 44.4027, 54.3958**, and the grayscale version is **46.1486, 48.5519, 52.8731**.

A 20% lighter version of the original color is **82.0013, 89.0789, 88.4733**, and **21.2814, 23.6276, 22.1778** is the 20% darker color. If you saturate the color by 10%, you get **40.8284, 47.3690, 38.4886**, and if you desaturate by 10%, it is **49.6137, 51.4686, 58.3007**.

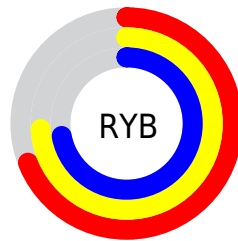
Distribution



Red (71%)

Green (74%)

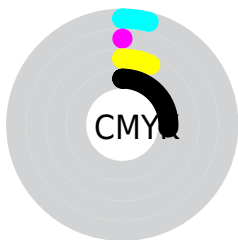
Blue (69%)



Red (69%)

Yellow (74%)

Blue (72%)

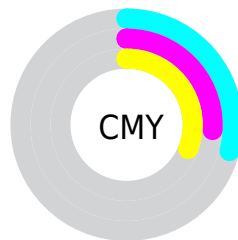


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9915, 49.3141, 47.7047 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 44.9915, 49.3141, 47.7047 by changing the saturation by 10% instead.

■ 44.9915, 49.3141,
47.7047

■ 44.9915, 49.3141,
47.7047

357.5234,
383.9776, 394.0953

■ 31.6520, 34.8687,
33.2348

■ 81.9448, 89.1578,
88.1255

■ 21.2501, 23.5618,
22.0338

106.2893,
115.3249, 114.9135

■ 13.4204, 15.0089,
13.6832

135.0328,
146.1680, 146.6446

■ 7.7977, 8.8256,
7.7644

168.5407,
182.0715, 183.7373

■ 4.0165, 4.6276,
3.8590

207.1784,
223.4198, 226.6102

■ 1.7115, 2.0305,
1.5483

251.3112,

■ 0.4634, 0.6251,

270.5973, 275.6818

0.2535

301.3044,
323.9884, 331.3707

■ 0.0000, 0.0000,
0.0000

■ 44.9915, 49.3141,
47.7047

■ 44.9915, 49.3141,
47.7047

■ 40.8284, 47.3690,
38.4886

■ 49.6137, 51.4686,
58.3007

■ 37.1050, 45.6205,
30.5924

■ 54.7052, 53.8325,
70.3268

■ 33.8067, 44.0636,
23.9565

■ 60.2812, 56.4138,
83.8346

■ 30.9164, 42.6911,
18.5155

■ 66.3548, 59.2183,
98.8722

■ 28.4156, 41.4948,
14.1981

■ 70.5142, 61.2817,
102.7198

■ 26.2842, 40.4663,
10.9254

■ 74.1904, 63.1769,
102.8918

■ 24.4998, 39.5958,
8.6081

■ 77.4886, 64.8771,
103.0462

■ 23.0371, 38.8727,
7.1422

■ 21.8616, 38.2824,
6.3777

Harmonies

Analogous

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



46.3106, 49.3141, 45.9750



44.9915, 49.3141, 47.7047



44.1868, 49.3141, 51.0742

Triad

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



44.9915, 49.3141, 47.7047



45.9474, 49.3141, 61.9231



49.7652, 49.3141, 52.0978

Complementary

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



44.9915, 49.3141, 47.7047



44.0457, 44.4027, 54.3958

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.



49.6629, 49.3141, 56.4033



44.9915, 49.3141, 47.7047



47.4370, 49.3141, 62.2334

Square

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



44.9915, 49.3141, 47.7047



44.7305, 49.3141, 59.3397



48.8033, 49.3141, 60.1662



49.0799, 49.3141, 48.4195

Rectangle

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



44.9915, 49.3141, 47.7047



44.0398, 49.3141, 53.8729



48.8033, 49.3141, 60.1662



49.8222, 49.3141, 53.5168

Sweetspot

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



44.9929, 49.3162, 47.7058



84.9244, 90.3470, 95.3260



45.6458, 47.7554, 47.3701



18.2813, 19.4374, 20.5423



90.7827, 95.5105, 104.0109



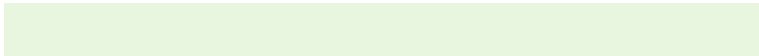
18.6292, 19.5994, 21.3438

Same Dimension

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



44.9929, 49.3162, 47.7058



79.2261, 87.6896, 82.3983



43.7081, 48.6433, 48.1260



9.7859, 10.8441, 10.1540



14.6095, 25.7074, 4.1920



0.6472, 1.0456, 0.1677

Inverse Universe

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



44.0457, 44.4027, 54.3958



77.1567, 76.9554, 97.0135



45.4024, 45.1138, 53.9320



9.5244, 9.4872, 12.0014



10.4320, 4.6640, 32.7433



0.4821, 0.2206, 1.2860

Previews

White Background



This preview shows how the XYZ color 44.9915, 49.3141, 47.7047 looks on a white background.

Color Contrast Check

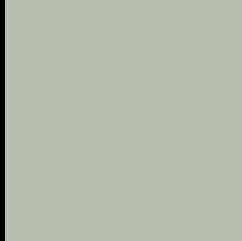
Large Text (above 18pt) WCAG AA × Fail

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 44.9915, 49.3141, 47.7047 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

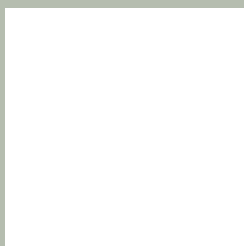
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.9915, 49.3141, 47.7047

Background



This preview shows how black text looks on a background with the XYZ color 44.9915, 49.3141, 47.7047.



This preview shows how white text looks on a background with the XYZ color 44.9915, 49.3141,

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

44.9915, 49.3141, 47.7047

Protanopia

47.0941, 49.4724, 46.6022

Deuteranopia

50.2695, 49.2267, 48.4472



Tritanopia

47.7819, 49.1823, 61.6183

Trichromacy



Original Color

44.9915, 49.3141, 47.7047

Protanomaly

46.3966, 49.4155, 47.1372

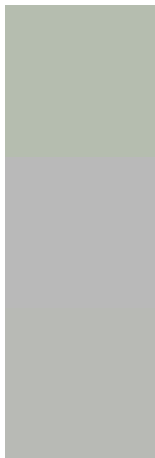
Deuteranomaly

48.0587, 49.0073, 48.0007

Tritanomaly

46.7300, 49.0697, 56.2987

Monochromacy



Original Color

44.9915, 49.3141, 47.7047

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.6666, 48.6444, 50.6985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9915, 49.3141, 47.7047 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(181, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 175)  
}
```

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(181, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 175) }
```

Border

The CSS property to change the border of an element to XYZ 44.9915, 49.3141, 47.7047 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(181, 189, 175) }
```


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

```
.border{ border-color:rgb(181, 189, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9915, 49.3141, 47.7047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 175) }
```

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

```
.background{ background-color: rgb(181,  
189, 175) }
```

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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