

Converting Colors

XYZ(46.0824, 49.7316, 49.9588)

Have a look what the booklet for
XYZ(46.0824, 49.7316, 49.9588)
contains.

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Color

**XYZ(46.1014, 49.8402,
49.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BDB3
RGB	184, 189, 179
RGB Percent	72%, 74%, 70%
CMY	0.2784, 0.2588, 0.2980
CMYK	0.03, 0.00, 0.05, 0.26
HSL	90°, 7%, 72%
HSV	90°, 5%, 74%
XYZ	46.1014, 49.8402, 49.8381
YIQ	186.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

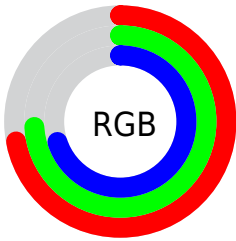
Format	Color
R_{YB}	179, 189, 184
Decimal	12107187
CIE Lab	75.97, -3.58, 4.44
CIE LCh	76, 5.699, 128.861
Yxy	49.8402, 0.3162, 0.3419
Android (android.graphics.Color)	4290297267 (0xFFB8BDB3)
YUV	186.3650, -3.6309, -2.0741
Hunter-Lab	70.5976, -6.9823, 7.5628

Details

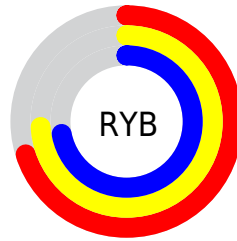
The XYZ color **46.1014, 49.8402, 49.8381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0745, 46.1060, 54.6704**, and the grayscale version is **46.8976, 49.3399, 53.7312**.

A 20% lighter version of the original color is **83.5830, 89.8282, 91.5306**, and **21.9301, 23.9400, 23.2037** is the 20% darker color. If you saturate the color by 10%, you get **42.1302, 48.0004, 40.3485**, and if you desaturate by 10%, it is **50.4888, 51.8672, 60.7170**.

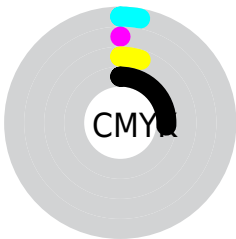
Distribution



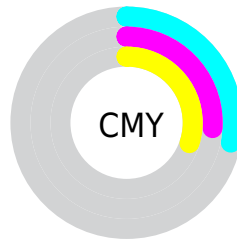
- Red (72%)
- Green (74%)
- Blue (70%)



- Red (70%)
- Yellow (74%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1014, 49.8402, 49.8381 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 46.1014, 49.8402, 49.8381 by changing the saturation by 10% instead.

■ 46.1014, 49.8402,
49.8381

■ 46.1014, 49.8402,
49.8381

361.9253,
386.0407, 402.7494

■ 32.5308, 35.2864,
34.9145

■ 83.5977, 89.9381,
91.3288

■ 21.9248, 23.8836,
23.3140

108.2541,
116.2510, 118.7329

■ 13.9179, 15.2473,
14.6181

137.3364,
147.2524, 151.1344

■ 8.1449, 8.9931,
8.4081

171.2101,
183.3267, 188.9516

■ 4.2404, 4.7367,
4.2657

210.2405,
224.8582, 232.6032

■ 1.8390, 2.0936,
1.7722

254.7929,

■ 0.5410, 0.6610,

272.2315, 282.5076

0.4095

305.2327,
325.8309, 339.0835

■ 0.0000, 0.0000,
0.0000

■ 46.1014, 49.8402,
49.8381

■ 46.1014, 49.8402,
49.8381

■ 42.1302, 48.0004,
40.3485

■ 50.4888, 51.8672,
60.7170

■ 38.5576, 46.3355,
32.1890

■ 55.3011, 54.0804,
73.0347

■ 35.3706, 44.8417,
25.3010

■ 60.5519, 56.4871,
86.8423

■ 32.5538, 43.5124,
19.6203

■ 66.2529, 59.0923,
102.1872

■ 30.0909, 42.3407,
15.0770

■ 69.2911, 60.6512,
102.6626

■ 27.9638, 41.3191,
11.5940

■ 72.4304, 62.2696,
102.8095

■ 26.1528, 40.4391,
9.0846

■ 75.7371, 63.9742,
102.9642

■ 24.6351, 39.6914,
7.4488

■ 77.4886, 64.8772,
103.0462

■ 23.3836, 39.0645,
6.5633

Harmonies

Analogous

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



47.0577, 49.8402, 48.6896



46.1014, 49.8402, 49.8381



45.4917, 49.8402, 52.1848

Triad

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



46.1014, 49.8402, 49.8381



46.6387, 49.8402, 59.9093



49.4189, 49.8402, 53.3713

Complementary

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



46.1014, 49.8402, 49.8381



45.0745, 46.1060, 54.6704

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.



49.3027, 49.8402, 56.4049



46.1014, 49.8402, 49.8381



47.6870, 49.8402, 60.2560

Square

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



46.1014, 49.8402, 49.8381



45.7986, 49.8402, 58.0217



48.6649, 49.8402, 58.9519



48.9802, 49.8402, 50.6788

Rectangle

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



46.1014, 49.8402, 49.8381



45.3584, 49.8402, 54.1512



48.6649, 49.8402, 58.9519



49.4436, 49.8402, 54.3839

Sweetspot

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



46.1028, 49.8423, 49.8392



85.0444, 90.4089, 95.3317



46.2653, 48.3563, 49.5438



18.3058, 19.4500, 20.5434



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.



46.1028, 49.8423, 49.8392



81.9671, 88.9859, 87.8013



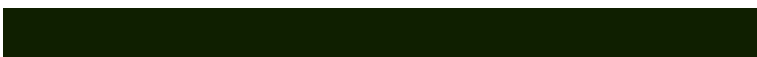
44.9261, 49.2357, 49.7841



10.1038, 10.9947, 10.7670



15.4699, 26.1509, 4.2323



0.6814, 1.0633, 0.1693

Inverse Universe

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



45.0745, 46.1060, 54.6704



79.8574, 81.3200, 97.7136



46.2936, 46.7345, 54.7274



9.8242, 9.9788, 12.0805



9.4114, 4.1378, 32.6955



0.4441, 0.2010, 1.2842

Previews

White Background



This preview shows how the XYZ color 46.1014, 49.8402, 49.8381 looks on a white background.

Color Contrast Check

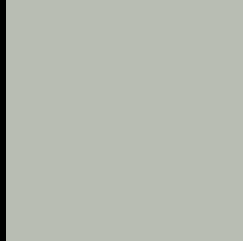
Large Text (above 18pt) WCAG AA × Fail

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 46.1014, 49.8402, 49.8381 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

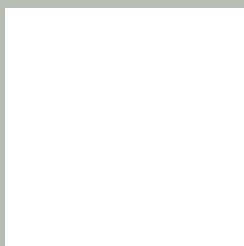
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1014, 49.8402, 49.8381

Background



This preview shows how black text looks on a background with the XYZ color 46.1014, 49.8402, 49.8381.



This preview shows how white text looks on a background with the XYZ color 46.1014, 49.8402,

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

46.1014, 49.8402, 49.8381

Protanopia

47.5871, 49.6696, 49.1986

Deuteranopia

50.8768, 49.7938, 50.6457



Tritanopia

48.4777, 49.8527, 61.7111

Trichromacy



Original Color

46.1014, 49.8402, 49.8381

Protanomaly

47.0414, 49.7021, 49.2336

Deuteranomaly

48.9319, 49.7184, 50.1976

Tritanomaly

47.5345, 49.7855, 56.9734

Monochromacy



Original Color

46.1014, 49.8402, 49.8381

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.3252, 49.2738, 51.8689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1014, 49.8402, 49.8381 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, 189, 179) looks like.

```
.text, #text, p{  
    color:rgb(184, 189, 179)  
}
```

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, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 189, 179) }
```

Border

The CSS property to change the border of an element to XYZ 46.1014, 49.8402, 49.8381 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, 189, 179) }
```


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

```
.border{ border-color:rgb(184, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 189, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 189, 179);  
box-shadow:4px 4px 4px 4px rgb(184, 189,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1014, 49.8402, 49.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 189, 179) }
```

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

```
.background{ background-color: rgb(184,  
189, 179) }
```

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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