

Converting Colors

XYZ(46.8906, 48.6863, 56.2165)

Have a look what the booklet for
XYZ(46.8906, 48.6863, 56.2165)
contains.

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Color

**XYZ(47.0026, 48.8986,
56.2513)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB9BF
RGB	186, 185, 191
RGB Percent	73%, 73%, 75%
CMY	0.2706, 0.2745, 0.2510
CMYK	0.03, 0.03, 0.00, 0.25
HSL	250°, 4%, 74%
HSV	250°, 3%, 75%
XYZ	47.0026, 48.8986, 56.2513
YIQ	185.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

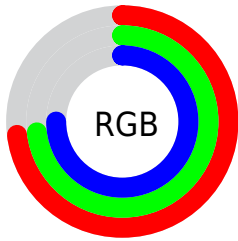
Format	Color
R _Y B	186, 185, 191
Decimal	12237247
CIE Lab	75.39, 1.48, -2.91
CIE LCh	75, 3.269, 296.930
Yxy	48.8986, 0.3089, 0.3214
Android (android.graphics.Color)	4290427327 (0xFFBAB9BF)
YUV	185.9830, 2.4734, 0.0149
Hunter-Lab	69.9275, -2.3923, 1.2550

Details

The XYZ color **47.0026, 48.8986, 56.2513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6249, 51.7129, 53.3202**, and the grayscale version is **46.6509, 49.0804, 53.4485**.

A 20% lighter version of the original color is **84.8617, 88.5032, 100.6058**, and **22.5116, 23.3241, 27.3603** is the 20% darker color. If you saturate the color by 10%, you get **39.6169, 39.5538, 54.8376**, and if you desaturate by 10%, it is **55.3591, 59.5434, 57.8663**.

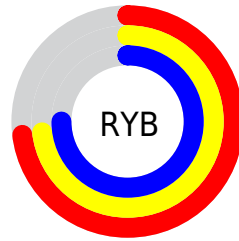
Distribution



Red (73%)

Green (73%)

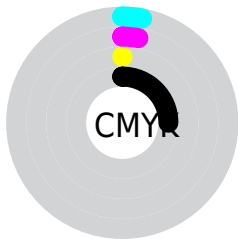
Blue (75%)



Red (73%)

Yellow (73%)

Blue (75%)

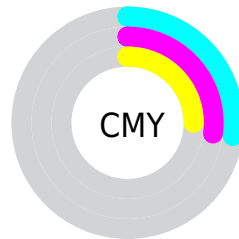


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0026, 48.8986, 56.2513 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 47.0026, 48.8986, 56.2513 by changing the saturation by 10% instead.

■ 47.0026, 48.8986,
56.2513

■ 47.0026, 48.8986,
56.2513

365.4736,
382.3430, 428.0528

■ 33.2457, 34.5391,
39.9991

■ 84.9362, 88.5408,
100.8614

■ 22.4748, 23.3080,
27.2241

109.8436,
114.5923, 130.0563

■ 14.3248, 14.8211,
17.5076

139.1986,
145.3099, 164.4026

■ 8.4301, 8.6939,
10.4313

173.3664,
181.0779, 204.3187

■ 4.4255, 4.5421,
5.5765

212.7124,
222.2809, 250.2233

■ 1.9455, 1.9812,
2.5248

257.6021,

■ 0.6031, 0.5965,

269.3031, 302.5348

0.8532

308.4007,
322.5290, 361.6717

■ 0.0000, 0.0000,
0.0000

■ 47.0026, 48.8986,
56.2513

■ 47.0026, 48.8986,
56.2513

■ 39.6169, 39.5538,
54.8376

■ 55.3591, 59.5434,
57.8663

■ 33.1625, 31.4530,
53.6142

■ 64.7158, 71.5291,
59.6866

■ 27.6032, 24.5454,
52.5739

■ 75.1058, 84.9023,
61.7203

■ 22.8991, 18.7741,
51.7078

■ 84.4821, 95.5508,
63.2814

■ 19.0070, 14.0777,
51.0065

■ 86.4041, 96.5416,
63.3714

■ 15.8798, 10.3889,
50.4593

■ 13.4657, 7.6326,
50.0545

■ 11.7060, 5.7232,
49.7787

■ 10.5319, 4.5587,
49.6158

Harmonies

Analogous

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



46.4147, 48.8986, 56.6199



47.0026, 48.8986, 56.2513



47.4529, 48.8986, 55.0708

Triad

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



47.0026, 48.8986, 56.2513



47.1108, 48.8986, 50.5136



45.3309, 48.8986, 53.0650

Complementary

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



47.0026, 48.8986, 56.2513



48.6249, 51.7129, 53.3202

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.



45.5139, 48.8986, 51.4547



47.0026, 48.8986, 56.2513



46.5386, 48.8986, 50.0017

Square

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



47.0026, 48.8986, 56.2513



47.5158, 48.8986, 51.7557



45.9546, 48.8986, 50.3425



45.4528, 48.8986, 54.7570

Rectangle

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



47.0026, 48.8986, 56.2513



47.6127, 48.8986, 53.9951



45.9546, 48.8986, 50.3425



45.3588, 48.8986, 52.4965

Sweetspot

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



47.0040, 48.9007, 56.2524



87.2143, 91.4314, 101.3305



47.8483, 50.9475, 56.6029



19.1676, 20.0980, 22.2544



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.0040, 48.9007, 56.2524



82.8895, 85.9380, 100.4981



47.7161, 49.2678, 56.2857



9.9185, 10.2595, 12.1297



6.6133, 2.6954, 32.5646



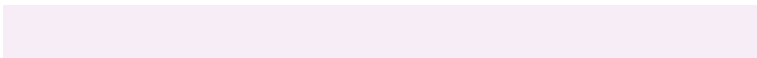
0.3057, 0.1297, 1.2778

Inverse Universe

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



48.1308, 49.4942, 55.7344



85.4871, 87.3064, 99.2981



47.9073, 51.3430, 53.2866



10.2783, 10.4491, 11.9630



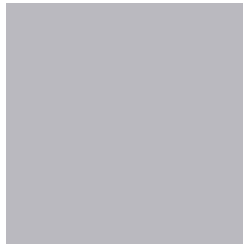
18.2729, 8.9403, 22.5285



0.7342, 0.3576, 0.9794

Previews

White Background



This preview shows how the XYZ color 47.0026, 48.8986, 56.2513 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 47.0026, 48.8986, 56.2513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

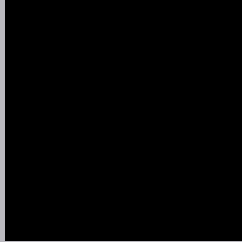
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0026, 48.8986, 56.2513

Background



This preview shows how black text looks on a background with the XYZ color 47.0026, 48.8986, 56.2513.

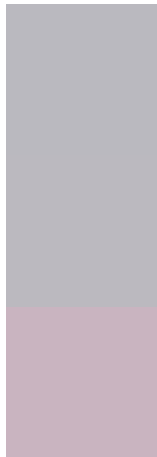


This preview shows how white text looks on a background with the XYZ color 47.0026, 48.8986,

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

47.0026, 48.8986, 56.2513

Protanopia

47.2464, 49.0243, 56.2627

Deuteranopia

49.9231, 48.8658, 56.6700



Tritanopia

47.8270, 48.9230, 60.3484

Trichromacy



Original Color

47.0026, 48.8986, 56.2513

Protanomaly

47.2464, 49.0243, 56.2627

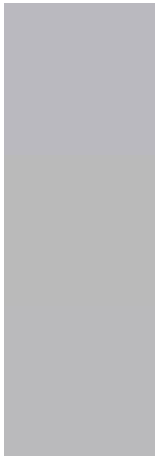
Deuteranomaly

49.0073, 48.9974, 56.7437

Tritanomaly

47.4843, 48.7859, 58.5437

Monochromacy



Original Color

47.0026, 48.8986, 56.2513

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8857, 49.1878, 54.6000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0026, 48.8986, 56.2513 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(186, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 191)  
}
```

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(186, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.0026, 48.8986, 56.2513 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(186, 185, 191) }
```


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

```
.border{ border-color:rgb(186, 185, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0026, 48.8986, 56.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 191) }
```

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

```
.background{ background-color: rgb(186,  
185, 191) }
```

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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