

Converting Colors

XYZ(46.9986, 50.9736, 52.4905)

Have a look what the booklet for
XYZ(46.9986, 50.9736, 52.4905)
contains.

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Color

**XYZ(47.0497, 50.9126,
52.6947)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BFB8
RGB	184, 191, 184
RGB Percent	72%, 75%, 72%
CMY	0.2784, 0.2510, 0.2784
CMYK	0.04, 0.00, 0.04, 0.25
HSL	120°, 5%, 74%
HSV	120°, 4%, 75%
XYZ	47.0497, 50.9126, 52.6947
YIQ	188.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

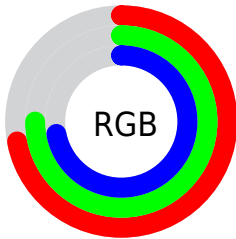
Format	Color
RYB	184, 191, 191
Decimal	12107704
CIELab	76.63, -3.72, 2.68
CIELCh	77, 4.585, 144.291
Yxy	50.9126, 0.3123, 0.3379
Android (android.graphics.Color)	4290297784 (0xFFB8BFB8)
YUV	188.1090, -2.0257, -3.6036
Hunter-Lab	71.3531, -7.1662, 6.1611

Details

The XYZ color **47.0497, 50.9126, 52.6947** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0322, 49.1202, 56.2423**, and the grayscale version is **47.8750, 50.3682, 54.8510**.

A 20% lighter version of the original color is **84.9241, 91.3381, 95.5921**, and **22.5453, 24.6409, 25.0406** is the 20% darker color. If you saturate the color by 10%, you get **40.9108, 47.9653, 42.6520**, and if you desaturate by 10%, it is **54.0797, 54.2910, 64.1924**.

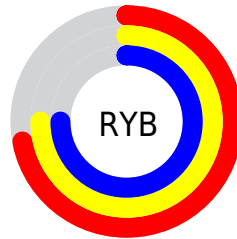
Distribution



Red (72%)

Green (75%)

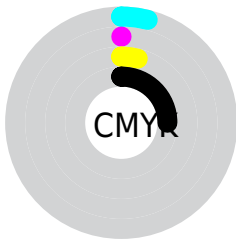
Blue (72%)



Red (72%)

Yellow (75%)

Blue (75%)

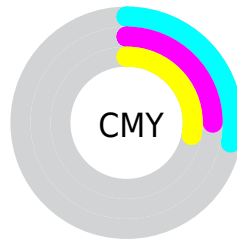


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0497, 50.9126, 52.6947 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 47.0497, 50.9126, 52.6947 by changing the saturation by 10% instead.

■ 47.0497, 50.9126,
52.6947

■ 47.0497, 50.9126,
52.6947

365.6585,
390.2241, 414.1457

■ 33.2831, 36.1391,
37.1731

■ 85.0061, 91.5256,
95.5920

■ 22.5036, 24.5416,
25.0447

109.9266,
118.1338, 123.8047

■ 14.3461, 15.7359,
15.8910

139.2957,
149.4557, 157.0848

■ 8.4451, 9.3374,
9.2935

173.4788,
185.8756, 195.8509

■ 4.4352, 4.9619,
4.8337

212.8413,
227.7781, 240.5215

■ 1.9512, 2.2249,
2.0930

257.7485,

■ 0.6063, 0.7335,

275.5474, 291.5151

0.6116

308.5658,
329.5679, 349.2504

■ 0.0000, 0.0000,
0.0000

■ 47.0497, 50.9126,
52.6947

■ 47.0497, 50.9126,
52.6947

■ 40.9108, 47.9653,
42.6520

■ 54.0797, 54.2910,
64.1924

■ 35.6232, 45.4254,
34.0033

■ 62.0298, 58.1098,
77.1964

■ 31.1509, 43.2771,
26.6878

■ 70.9331, 62.3865,
91.7595

■ 27.4531, 41.5009,
20.6394

■ 77.9218, 65.7435,
103.1906

■ 24.4860, 40.0756,
15.7861

■ 22.2011, 38.9780,
12.0487

■ 20.5441, 38.1821,
9.3386

■ 19.4528, 37.6579,
7.5535

■ 18.8517, 37.3692,
6.5703

Harmonies

Analogous

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



47.7083, 50.9126, 51.1960



47.0497, 50.9126, 52.6947



46.7508, 50.9126, 54.9616

Triad

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



47.0497, 50.9126, 52.6947



48.2252, 50.9126, 60.3233



49.9265, 50.9126, 53.4940

Complementary

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



47.0497, 50.9126, 52.6947



48.0322, 49.1202, 56.2423

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.



50.0689, 50.9126, 55.9115



47.0497, 50.9126, 52.6947



49.0800, 50.9126, 59.9022

Square

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



47.0497, 50.9126, 52.6947



47.4243, 50.9126, 59.4034



49.7573, 50.9126, 58.2690



49.3705, 50.9126, 51.6477

Rectangle

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



47.0497, 50.9126, 52.6947



46.7932, 50.9126, 56.6222



49.7573, 50.9126, 58.2690



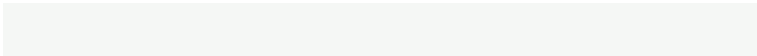
50.0246, 50.9126, 54.2648

Sweetspot

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



47.0511, 50.9148, 52.6958



87.4436, 92.7111, 99.5736



48.7451, 51.7503, 52.7678



19.2154, 20.3650, 21.8877



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.



47.0511, 50.9148, 52.6958



83.7982, 90.9601, 93.6109



47.4103, 51.0584, 54.5872



10.0445, 10.9550, 11.1762



12.2439, 24.4879, 4.0813



0.4796, 0.9592, 0.1599

Inverse Universe

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



48.0322, 49.1202, 56.2423



85.7403, 87.4076, 100.6315



47.6639, 48.9729, 54.3028



10.3134, 10.4632, 12.1482



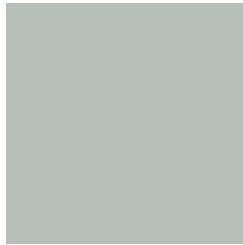
20.3001, 9.7512, 33.2051



0.7952, 0.3820, 1.3007

Previews

White Background



This preview shows how the XYZ color 47.0497, 50.9126, 52.6947 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 47.0497, 50.9126, 52.6947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

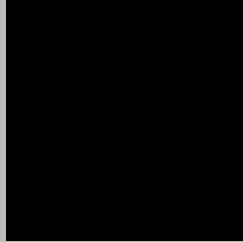
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

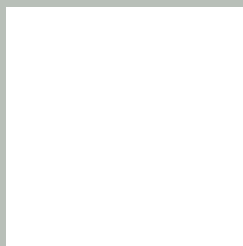
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0497, 50.9126, 52.6947

Background



This preview shows how black text looks on a background with the XYZ color 47.0497, 50.9126, 52.6947.



This preview shows how white text looks on a background with the XYZ color 47.0497, 50.9126,

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

47.0497, 50.9126, 52.6947

Protanopia

48.6749, 50.8132, 51.4985

Deuteranopia

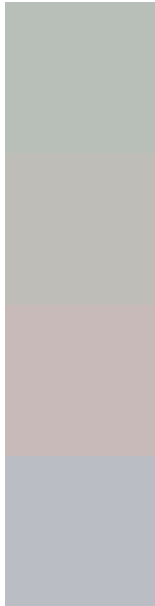
51.8088, 50.8220, 53.5334



Tritanopia

49.2562, 50.8430, 63.7175

Trichromacy



Original Color

47.0497, 50.9126, 52.6947

Protanomaly

47.9800, 50.7612, 52.0688

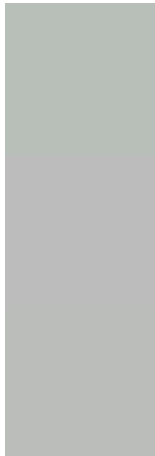
Deuteranomaly

49.8690, 50.7627, 53.0687

Tritanomaly

48.4111, 50.8198, 59.4822

Monochromacy



Original Color

47.0497, 50.9126, 52.6947

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6608, 50.5478, 54.2584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0497, 50.9126, 52.6947 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, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 184)  
}
```

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, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.0497, 50.9126, 52.6947 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, 191, 184) }
```


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

```
.border{ border-color:rgb(184, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0497, 50.9126, 52.6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 184) }
```

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

```
.background{ background-color: rgb(184,  
191, 184) }
```

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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