

Converting Colors

XYZ(52.0695, 60.7045, 47.3416)

Have a look what the booklet for
XYZ(52.0695, 60.7045, 47.3416)
contains.

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Color

**XYZ(52.1308, 60.6052,
47.4785)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------------|
| Hex | BFD3AB |
| RGB | 191, 211, 171 |
| RGB Percent | 75%, 83%, 67% |
| CMY | 0.2510, 0.1725, 0.3294 |
| CMYK | 0.09, 0.00, 0.19, 0.17 |
| HSL | 90°, 31%, 75% |
| HSV | 90°, 19%, 83% |
| XYZ | 52.1308, 60.6052, 47.4785 |
| YIQ | 200.4600, 0.9200, -16.6800 |

Conversions

Conversions Part 2

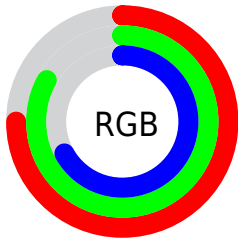
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 171, 211, 191 |
| Decimal | 12571563 |
| CIELab | 82.17, -13.85, 17.59 |
| CIELCh | 82, 22.387, 128.212 |
| Yxy | 60.6052, 0.3254, 0.3783 |
| Android (android.graphics.Color) | 4290761643 (0xFFBFD3AB) |
| YUV | 200.4600, -14.5238, -8.2964 |
| Hunter-Lab | 77.8493, -16.7061, 18.3349 |

Details

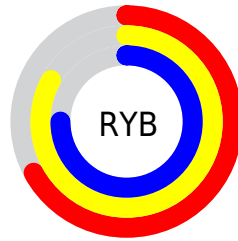
The XYZ color **52.1308, 60.6052, 47.4785** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8092, 44.9071, 67.7794**, and the grayscale version is **55.2712, 58.1496, 63.3249**.

A 20% lighter version of the original color is **88.1989, 96.9674, 86.0195**, and **25.5348, 30.4272, 21.9800** is the 20% darker color. If you saturate the color by 10%, you get **47.7197, 58.5471, 37.5982**, and if you desaturate by 10%, it is **57.0575, 62.8955, 59.0615**.

Distribution



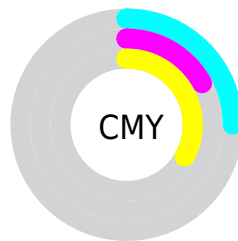
- Red (75%)
- Green (83%)
- Blue (67%)



- Red (67%)
- Yellow (83%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1308, 60.6052, 47.4785 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 52.1308, 60.6052, 47.4785 by changing the saturation by 10% instead.

■ 52.1308, 60.6052,
47.4785

■ 52.1308, 60.6052,
47.4785

385.2570,
426.8249, 393.1702

■ 37.3340, 43.9066,
33.0570

■ 92.4972, 105.7071,
87.7849

■ 25.6411, 30.5971,
21.8987

118.7975,
134.8792, 114.5069

■ 16.6866, 20.2923,
13.5849

149.6631,
168.9779, 146.1661

■ 10.1052, 12.6077,
7.6971

185.4593,
208.3877, 183.1812

■ 5.5316, 7.1589,
3.8167

226.5514,
253.4929, 225.9706

■ 2.6003, 3.5617,
1.5254

273.3048,

■ 0.9461, 1.4315,

304.6779, 274.9529

0.2367

326.0849,
362.3271, 330.5465

■ 0.0000, 0.2398,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1308, 60.6052,
47.4785

■ 52.1308, 60.6052,
47.4785

■ 47.7197, 58.5471,
37.5982

■ 57.0575, 62.8955,
59.0615

■ 43.8001, 56.7053,
29.3363

■ 62.5129, 65.4180,
72.4180

■ 40.3531, 55.0737,
22.6073

■ 68.5159, 68.1824,
87.6199

■ 37.3564, 53.6428,
17.3166

■ 75.0176, 71.1696,
104.3910

■ 34.7855, 52.4025,
13.3585

■ 78.5702, 73.0011,
104.5573

■ 32.6133, 51.3411,
10.6133

■ 82.3325, 74.9406,
104.7333

■ 30.8080, 50.4456,
8.9396

■ 82.5855, 75.0710,
104.7452

■ 29.3214, 49.6961,
8.1100

■ 29.1787, 49.6239,
8.0405

Harmonies

Analogous

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



56.3073, 60.6052, 43.3168



52.1308, 60.6052, 47.4785



49.5237, 60.6052, 56.7389

Triad

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



52.1308, 60.6052, 47.4785



54.2759, 60.6052, 93.4121



67.1350, 60.6052, 62.3188

Complementary

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



52.1308, 60.6052, 47.4785



47.8092, 44.9071, 67.7794

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.



66.5173, 60.6052, 76.1930



52.1308, 60.6052, 47.4785



58.9193, 60.6052, 95.4465

Square

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



52.1308, 60.6052, 47.4785



50.7139, 60.6052, 83.5477



63.4462, 60.6052, 88.7756



65.0902, 60.6052, 51.0804

Rectangle

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



52.1308, 60.6052, 47.4785



48.9395, 60.6052, 65.1751



63.4462, 60.6052, 88.7756



67.2339, 60.6052, 66.8091

Sweetspot

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



52.1324, 60.6078, 47.4798



89.9246, 97.6311, 96.3098



52.8478, 54.0531, 46.1769



19.1321, 20.8436, 20.3341



0.0000, 0.0000, 0.0000



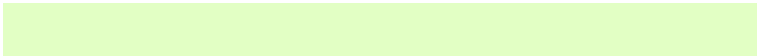
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1324, 60.6078, 47.4798



77.0246, 91.6371, 66.0618



47.4414, 58.1895, 47.2603



12.2113, 13.4924, 12.5727



17.7266, 30.0074, 4.8577



1.0827, 1.7250, 0.2759

Inverse Universe

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



47.8092, 44.9071, 67.7794



69.1324, 62.9748, 103.1194



53.1872, 47.6795, 68.0311



11.7189, 11.7039, 14.8851



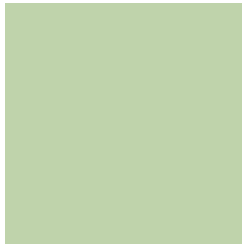
10.7665, 4.7306, 37.5381



0.6935, 0.3117, 2.1032

Previews

White Background



This preview shows how the XYZ color 52.1308, 60.6052, 47.4785 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 52.1308, 60.6052, 47.4785 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

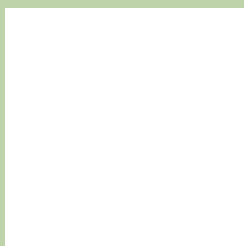
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1308, 60.6052, 47.4785

Background



This preview shows how black text looks on a background with the XYZ color 52.1308, 60.6052, 47.4785.



This preview shows how white text looks on a background with the XYZ color 52.1308, 60.6052,

47.4785.

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

52.1308, 60.6052, 47.4785

Protanopia

56.8868, 60.5747, 45.2530

Deuteranopia

61.3116, 60.0283, 48.3995



Tritanopia

57.7998, 60.3588, 76.3142

Trichromacy



Original Color

52.1308, 60.6052, 47.4785

Protanomaly

55.1128, 60.7182, 45.8608

Deuteranomaly

57.3429, 59.6958, 48.0353

Tritanomaly

55.4792, 60.4920, 64.6292

Monochromacy



Original Color

52.1308, 60.6052, 47.4785

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8041, 58.7302, 56.6444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1308, 60.6052, 47.4785 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(191, 211, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 211, 171)  
}
```

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(191, 211, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.1308, 60.6052, 47.4785 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(191, 211, 171) }
```


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

```
.border{ border-color:rgb(191, 211, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 211, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 211, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 211, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 211,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1308, 60.6052, 47.4785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 171) }
```

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

```
.background{ background-color: rgb(191,  
211, 171) }
```

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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