

Converting Colors

XYZ(52.0633, 68.4229, 50.3736)

Have a look what the booklet for
XYZ(52.0633, 68.4229, 50.3736)
contains.

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Color

**XYZ(52.1522, 68.4233,
50.5027)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A7E7AE |
| RGB | 167, 231, 174 |
| RGB Percent | 65%, 91%, 68% |
| CMY | 0.3451, 0.0941, 0.3176 |
| CMYK | 0.28, 0.00, 0.25, 0.09 |
| HSL | 127°, 57%, 78% |
| HSV | 127°, 28%, 91% |
| XYZ | 52.1522, 68.4233, 50.5027 |
| YIQ | 205.3660, -19.8470, -31.2950 |

Conversions

Conversions Part 2

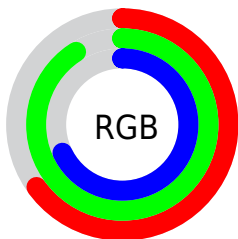
| Format | Color |
|-------------------------------------|--|
| RYB | 167, 225, 231 |
| Decimal | 11003822 |
| CIELab | 86.22, -31.26, 21.42 |
| CIELCh | 86, 37.892, 145.575 |
| Yxy | 68.4233, 0.3048, 0.4000 |
| Android (android.graphics.Color) | 4289193902 (0xFFA7E7AE) |
| YUV | 205.3660, -15.4634, -33.6470 |
| Hunter-Lab | 82.7184, -32.2167, 21.7041 |

Details

The XYZ color **52.1522, 68.4233, 50.5027** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.2305, 50.0096, 77.0020**, and the grayscale version is **58.3673, 61.4070, 66.8722**.

A 20% lighter version of the original color is **80.4744, 92.9211, 88.5570**, and **25.5912, 35.5511, 23.6024** is the 20% darker color. If you saturate the color by 10%, you get **45.8467, 65.3889, 40.5278**, and if you desaturate by 10%, it is **59.6402, 72.0357, 62.1395**.

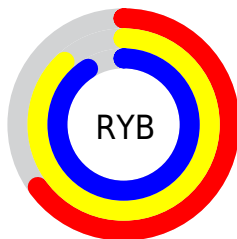
Distribution



Red (65%)

Green (91%)

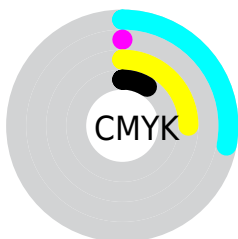
Blue (68%)



Red (65%)

Yellow (88%)

Blue (91%)

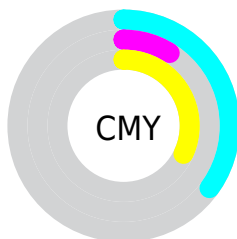


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (9%)



Cyan (35%)


Magenta (9%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1522, 68.4233, 50.5027 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 52.1522, 68.4233, 50.5027 by changing the saturation by 10% instead.


 52.1522, 68.4233,
50.5027

 52.1522, 68.4233,
50.5027


385.3382,
454.9943, 405.4198

 37.3512, 50.2422,
35.4390


 92.5286, 116.9575,
92.3232

 25.6544, 35.6059,
23.7150


 118.8346,
148.0794, 119.9171

 16.6966, 24.1300,
14.9121


149.7063,
184.2836, 152.5249

 10.1124, 15.4301,
8.6118

185.5092,
225.9546, 190.5650

 5.5364, 9.1218,
4.3955

226.6084,
273.4768, 234.4560

 2.6032, 4.8207,
1.8447


273.3694,

 0.9476, 2.1424,


327.2346, 284.6164


0.4572


326.1576,
387.6123, 341.4649


 0.0000, 0.6883,
0.0000


 0.0000, 0.0000,
0.0000


 52.1522, 68.4233,
50.5027


 52.1522, 68.4233,
50.5027


 45.8467, 65.3889,
40.5278


 59.6402, 72.0357,
62.1395


 40.6580, 62.8945,
32.1347

 68.3614, 76.2448,
75.5043

 36.5222, 60.9106,
25.2434

 78.3699, 81.0792,
90.6654

 33.3666, 59.4018,
19.7654

 87.8673, 85.6345,
106.5058

■ 31.1094, 58.3280,
15.6026

■ 29.6550, 57.6422,
12.6444

■ 28.8777, 57.2824,
10.7620

■ 28.7556, 57.2259,
10.4651

Harmonies

Analogous

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



58.0564, 68.4233, 39.0179



52.1522, 68.4233, 50.5027



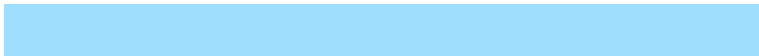
49.6984, 68.4233, 70.8546

Triad

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



52.1522, 68.4233, 50.5027



63.7482, 68.4233, 133.4177



81.3742, 68.4233, 55.6225

Complementary

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



52.1522, 68.4233, 50.5027



60.2305, 50.0096, 77.0020

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.



83.2392, 68.4233, 78.2711



52.1522, 68.4233, 50.5027



72.5500, 68.4233, 126.7983

Square

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



52.1522, 68.4233, 50.5027



56.0021, 68.4233, 121.5858



79.8801, 68.4233, 105.1043



74.9889, 68.4233, 41.4769

Rectangle

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



52.1522, 68.4233, 50.5027



50.1731, 68.4233, 88.1630



79.8801, 68.4233, 105.1043



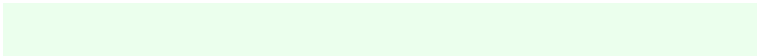
82.5736, 68.4233, 62.3293

Sweetspot

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



52.1540, 68.4262, 50.5042



85.1505, 95.2187, 93.8829



66.4805, 75.8886, 47.7038



17.8523, 20.2005, 19.5253



0.0000, 0.0000, 0.0000



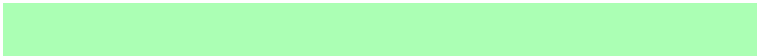
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1540, 68.4262, 50.5042



60.7657, 83.4586, 56.1157



55.5820, 69.7974, 68.5559



14.2531, 16.1147, 15.5976



16.1421, 32.0890, 5.9829



1.2144, 2.3799, 0.5556

Inverse Universe

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



60.2305, 50.0096, 77.0020



72.3777, 56.9704, 94.2058



56.3568, 48.4601, 56.6033



14.9236, 14.5866, 17.7982



24.7309, 12.0266, 33.8074



1.8471, 0.8965, 2.6011

Previews

White Background



This preview shows how the XYZ color 52.1522, 68.4233, 50.5027 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 52.1522, 68.4233, 50.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

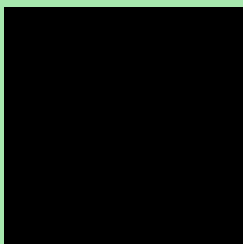
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

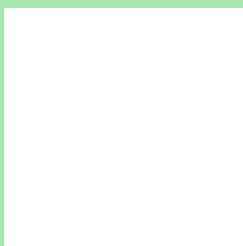
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1522, 68.4233, 50.5027

Background



This preview shows how black text looks on a background with the XYZ color 52.1522, 68.4233, 50.5027.



This preview shows how white text looks on a background with the XYZ color 52.1522, 68.4233,

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

52.1522, 68.4233, 50.5027

Protanopia

63.4965, 68.0121, 45.8574

Deuteranopia

69.1609, 67.8368, 52.0965



Tritanopia

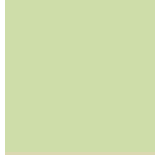
60.4399, 68.1175, 92.4006

Trichromacy



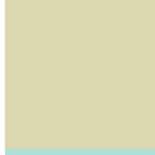
Original Color

52.1522, 68.4233, 50.5027



Protanomaly

58.4715, 67.6993, 47.5216



Deuteranomaly

61.7051, 67.3461, 51.3419



Tritanomaly

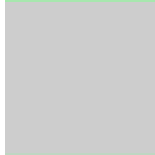
56.9991, 67.9223, 75.0719

Monochromacy



Original Color

52.1522, 68.4233, 50.5027



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.2700, 63.0645, 60.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1522, 68.4233, 50.5027 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(167, 231, 174)` looks like.

```
.text, #text, p{  
    color:rgb(167, 231, 174)  
}
```

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(167, 231, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 231, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.1522, 68.4233, 50.5027 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(167, 231, 174) }
```


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

```
.border{ border-color:rgb(167, 231, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 231, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 231, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 231, 174);  
box-shadow:4px 4px 4px 4px rgb(167, 231,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1522, 68.4233, 50.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 231, 174) }
```

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

```
.background{ background-color: rgb(167,  
231, 174) }
```

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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