

Converting Colors

XYZ(52.8658, 67.3736, 50.9665)

Have a look what the booklet for
XYZ(52.8658, 67.3736, 50.9665)
contains.

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Color

**XYZ(52.9368, 67.5806,
50.8117)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE4AF
RGB	174, 228, 175
RGB Percent	68%, 89%, 69%
CMY	0.3176, 0.1059, 0.3137
CMYK	0.24, 0.00, 0.23, 0.11
HSL	121°, 50%, 79%
HSV	121°, 24%, 89%
XYZ	52.9368, 67.5806, 50.8117
YIQ	205.8120, -15.1710, -27.9310

Conversions

Conversions Part 2

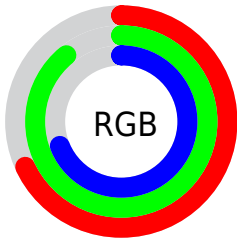
Format	Color
RYB	174, 227, 228
Decimal	11461807
CIELab	85.80, -27.40, 20.38
CIELCh	86, 34.146, 143.355
Yxy	67.5806, 0.3090, 0.3944
Android (android.graphics.Color)	4289651887 (0xFFAEE4AF)
YUV	205.8120, -15.1903, -27.8991
Hunter-Lab	82.2074, -28.9194, 20.8986

Details

The XYZ color **52.9368, 67.5806, 50.8117** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.9984, 52.3136, 79.5585**, and the grayscale version is **58.6485, 61.7027, 67.1943**.

A 20% lighter version of the original color is **82.8169, 94.1125, 89.4019**, and **26.0111, 34.9033, 23.7784** is the 20% darker color. If you saturate the color by 10%, you get **46.2632, 64.3755, 39.9618**, and if you desaturate by 10%, it is **60.8404, 71.3817, 63.6232**.

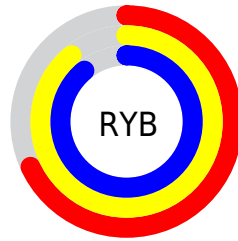
Distribution



Red (68%)

Green (89%)

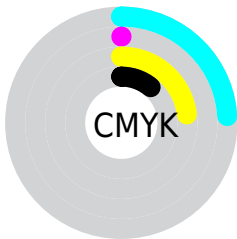
Blue (69%)



Red (68%)

Yellow (89%)

Blue (89%)

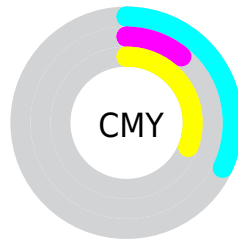


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (11%)



Cyan (32%)


Magenta (11%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9368, 67.5806, 50.8117 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 52.9368, 67.5806, 50.8117 by changing the saturation by 10% instead.


 52.9368, 67.5806,
50.8117

 52.9368, 67.5806,
50.8117


388.3074,
452.0086, 406.6574

 37.9796, 49.5566,
35.6831


 93.6774, 115.7520,
92.7850

 26.1440, 35.0612,
23.9018


120.1916,
146.6681, 120.4668

 17.0646, 23.7100,
15.0493


151.2888,
182.6505, 153.1701

 10.3762, 15.1187,
8.7070

187.3343,
224.0834, 191.3134

 5.7133, 8.9027,
4.4563

228.6936,
271.3512, 235.3152

 2.7105, 4.6778,
1.8789

275.7320,

 1.0026, 2.0595,

324.8385, 285.5941

0.4792

328.8148,
384.9295, 342.5687

■ 0.0000, 0.6417,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9368, 67.5806,
50.8117

■ 52.9368, 67.5806,
50.8117

■ 46.2632, 64.3755,
39.9618

■ 60.8404, 71.3817,
63.6232

■ 40.7529, 61.7281,
30.9726

■ 70.0258, 75.7976,
78.4817

■ 36.3409, 59.6090,
23.7409

■ 80.5484, 80.8570,
95.4729

■ 32.9535, 57.9830,
18.1518

■ 87.0347, 83.9694,
106.2282

■ 30.5085, 56.8102,
14.0766

■ 28.9104, 56.0447,
11.3676

■ 28.0442, 55.6309,
9.8474

■ 27.7679, 55.4987,
9.3701

Harmonies

Analogous

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



58.4699, 67.5806, 40.7781



52.9368, 67.5806, 50.8117



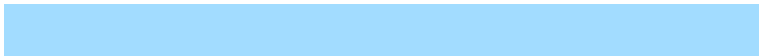
50.4597, 67.5806, 68.7253

Triad

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



52.9368, 67.5806, 50.8117



62.5137, 67.5806, 125.0179



79.0078, 67.5806, 57.8373

Complementary

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



52.9368, 67.5806, 50.8117



60.9984, 52.3136, 79.5585

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.



80.3098, 67.5806, 78.6660



52.9368, 67.5806, 50.8117



70.3636, 67.5806, 120.4743

Square

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



52.9368, 67.5806, 50.8117



55.6922, 67.5806, 113.7020



77.0324, 67.5806, 102.3089



73.6059, 67.5806, 44.2237

Rectangle

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



52.9368, 67.5806, 50.8117



50.7196, 67.5806, 83.9568



77.0324, 67.5806, 102.3089



79.9565, 67.5806, 64.1024

Sweetspot

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



52.9386, 67.5835, 50.8132



86.0916, 95.6929, 94.4226



67.0964, 74.8934, 50.9645



18.2703, 20.4068, 19.9567



0.0000, 0.0000, 0.0000



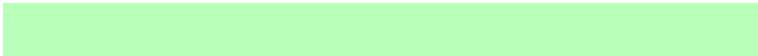
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9386, 67.5835, 50.8132



64.1803, 85.1606, 58.9114



55.8497, 68.7479, 66.1430



14.2001, 16.0935, 15.3186



16.0382, 32.0474, 5.4355



1.1890, 2.3697, 0.4219

Inverse Universe

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



60.9984, 52.3136, 79.5585



76.1352, 62.5101, 101.5477



57.5701, 50.9423, 61.5052



14.9830, 14.6104, 18.1108



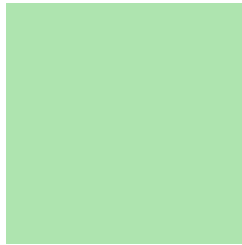
26.2318, 12.6269, 41.7111



1.9421, 0.9346, 3.1018

Previews

White Background



This preview shows how the XYZ color 52.9368, 67.5806, 50.8117 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 52.9368, 67.5806, 50.8117 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

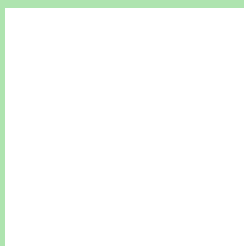
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9368, 67.5806, 50.8117

Background



This preview shows how black text looks on a background with the XYZ color 52.9368, 67.5806, 50.8117.



This preview shows how white text looks on a background with the XYZ color 52.9368, 67.5806,

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

52.9368, 67.5806, 50.8117

Protanopia

62.8570, 66.9096, 46.6477

Deuteranopia

68.3156, 67.0307, 52.5176



Tritanopia

60.8868, 67.6151, 89.9627

Trichromacy



Original Color

52.9368, 67.5806, 50.8117



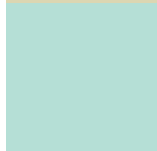
Protanomaly

58.4345, 66.4930, 48.2827



Deuteranomaly

61.5976, 66.5231, 51.7132



Tritanomaly

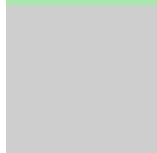
57.5813, 67.4541, 73.6034

Monochromacy



Original Color

52.9368, 67.5806, 50.8117



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.1450, 63.5026, 60.9278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9368, 67.5806, 50.8117 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(174, 228, 175)` looks like.

```
.text, #text, p{  
    color:rgb(174, 228, 175)  
}
```

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(174, 228, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 228, 175) }
```

Border

The CSS property to change the border of an element to XYZ 52.9368, 67.5806, 50.8117 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(174, 228, 175) }
```


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

```
.border{ border-color:rgb(174, 228, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 228, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 228, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 228, 175);  
box-shadow:4px 4px 4px 4px rgb(174, 228,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9368, 67.5806, 50.8117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 228, 175) }
```

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

```
.background{ background-color: rgb(174,  
228, 175) }
```

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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