

Converting Colors

XYZ(57.6514, 67.3708, 52.6064)

Have a look what the booklet for
XYZ(57.6514, 67.3708, 52.6064)
contains.

XYZ(57.8111, 67.6393, 52.6566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8111, 67.6393,
52.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DEB3
RGB	199, 222, 179
RGB Percent	78%, 87%, 70%
CMY	0.2196, 0.1294, 0.2980
CMYK	0.10, 0.00, 0.19, 0.13
HSL	92°, 39%, 79%
HSV	92°, 19%, 87%
XYZ	57.8111, 67.6393, 52.6566
YIQ	210.2210, 0.0950, -18.2490

Conversions

Conversions Part 2

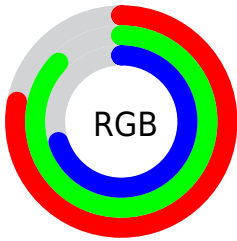
Format	Color
RYB	179, 222, 202
Decimal	13098675
CIELab	85.83, -15.27, 18.58
CIELCh	86, 24.044, 129.416
Yxy	67.6393, 0.3246, 0.3798
Android (android.graphics.Color)	4291288755 (0xFFC7DEB3)
YUV	210.2210, -15.3920, -9.8408
Hunter-Lab	82.2431, -18.4526, 19.6094

Details

The XYZ color **57.8111, 67.6393, 52.6566** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6648, 50.0726, 75.9474**, and the grayscale version is **61.5032, 64.7061, 70.4650**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **29.2617, 35.1635, 24.9837** is the 20% darker color. If you saturate the color by 10%, you get **52.7155, 65.2533, 41.6262**, and if you desaturate by 10%, it is **63.5178, 70.3025, 65.6053**.

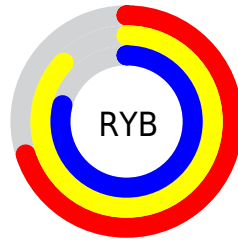
Distribution



Red (78%)

Green (87%)

Blue (70%)



Red (70%)

Yellow (87%)

Blue (79%)

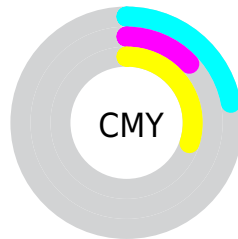


Cyan (10%)

Magenta (0%)

Yellow (19%)

Black (13%)



Cyan (22%)

Magenta (13%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8111, 67.6393, 52.6566 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 57.8111, 67.6393, 52.6566 by changing the saturation by 10% instead.

■ 57.8111, 67.6393,
52.6566

■ 57.8111, 67.6393,
52.6566

406.4469,
452.2170, 413.9951

■ 41.8995, 49.6043,
37.1429

■ 100.7723,
115.8360, 95.5353

■ 29.2133, 35.0991,
25.0215

128.5525,
146.7665, 123.7373

■ 19.3874, 23.7392,
15.8739

161.0197,
182.7643, 157.0059

■ 12.0562, 15.1403,
9.2816

198.5392,
224.2139, 195.7594

■ 6.8544, 8.9179,
4.8260

241.4763,
271.4995, 240.4166

■ 3.4167, 4.6877,
2.0886


290.1963,

■ 1.3778, 2.0652,


325.0056, 291.3959


0.6090


345.0648,
385.1167, 349.1159


 0.2403, 0.6449,
0.0000


 0.0000, 0.0000,
0.0000


 57.8111, 67.6393,
52.6566


 57.8111, 67.6393,
52.6566


 52.7155, 65.2533,
41.6262


 63.5178, 70.3025,
65.6053


 48.2028, 63.1261,
32.4186

 69.8517, 73.2435,
80.5531

 44.2502, 61.2500,
24.9366

 76.8350, 76.4738,
97.5813

 40.8314, 59.6138,
19.0721

 82.3561, 79.1496,
105.5445

■ 37.9173, 58.2051,
14.7050

■ 85.4126, 80.7253,
105.6875

■ 35.4755, 57.0103,
11.6984

■ 33.4683, 56.0135,
9.8901

■ 31.8383, 55.1909,
9.0150

■ 31.7442, 55.1433,
8.9706

Harmonies

Analogous

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



62.5760, 67.6393, 47.6474



57.8111, 67.6393, 52.6566



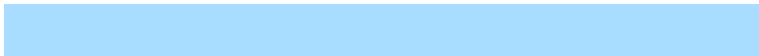
54.8965, 67.6393, 63.5129

Triad

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



57.8111, 67.6393, 52.6566



60.6454, 67.6393, 105.7626



75.2860, 67.6393, 68.8074

Complementary

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



57.8111, 67.6393, 52.6566



53.6648, 50.0726, 75.9474

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.



74.6963, 67.6393, 84.8070



57.8111, 67.6393, 52.6566



66.0332, 67.6393, 107.7146

Square

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



57.8111, 67.6393, 52.6566



56.4670, 67.6393, 94.5800



71.2339, 67.6393, 99.5858



72.8022, 67.6393, 56.0569

Rectangle

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



57.8111, 67.6393, 52.6566



54.2921, 67.6393, 73.3396



71.2339, 67.6393, 99.5858



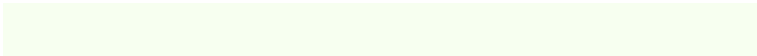
75.4437, 67.6393, 73.9567

Sweetspot

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



57.8129, 67.6422, 52.6581



89.7363, 97.5340, 96.3010



59.3684, 60.9966, 51.2934



19.0876, 20.8207, 20.3320



0.0000, 0.0000, 0.0000



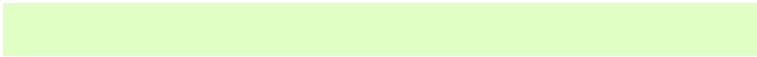
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8129, 67.6422, 52.6581



76.3882, 91.3090, 66.0320



52.9962, 65.1423, 53.1935



14.1317, 15.6480, 14.5823



18.9801, 32.8171, 5.3340



1.4182, 2.3276, 0.3745

Inverse Universe

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



53.6648, 50.0726, 75.9474



69.7766, 63.3069, 103.1496



59.2404, 52.9690, 75.2095



13.6488, 13.6025, 17.2939



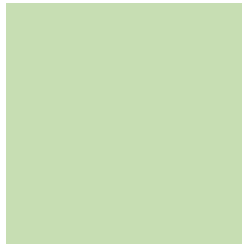
12.4603, 5.5189, 41.4569



0.9668, 0.4357, 2.8784

Previews

White Background



This preview shows how the XYZ color 57.8111, 67.6393, 52.6566 looks on a white background.

Color Contrast Check

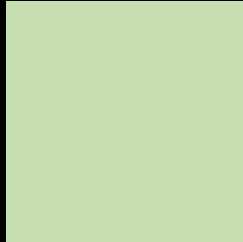
Large Text (above 18pt) WCAG AA × Fail

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 57.8111, 67.6393, 52.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

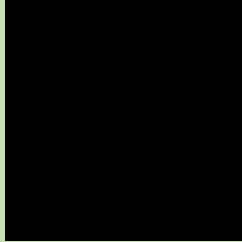
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

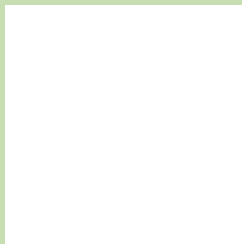
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8111, 67.6393, 52.6566

Background



This preview shows how black text looks on a background with the XYZ color 57.8111, 67.6393, 52.6566.



This preview shows how white text looks on a background with the XYZ color 57.8111, 67.6393,

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

57.8111, 67.6393, 52.6566

Protanopia

63.4630, 67.5192, 50.2451

Deuteranopia

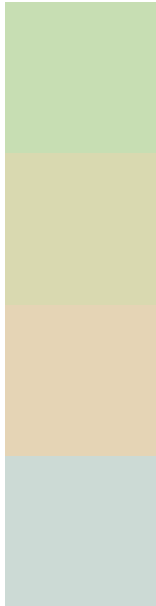
68.5208, 67.1128, 53.5986



Tritanopia

64.5981, 67.6925, 86.0052

Trichromacy



Original Color

57.8111, 67.6393, 52.6566

Protanomaly

61.2646, 67.5120, 50.8764

Deuteranomaly

64.1971, 67.0812, 53.2805

Tritanomaly

61.9835, 67.7843, 72.7676

Monochromacy



Original Color

57.8111, 67.6393, 52.6566

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8090, 65.3385, 63.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8111, 67.6393, 52.6566 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(199, 222, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 179)  
}
```

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(199, 222, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 179) }
```

Border

The CSS property to change the border of an element to XYZ 57.8111, 67.6393, 52.6566 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(199, 222, 179) }
```


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

```
.border{ border-color:rgb(199, 222, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8111, 67.6393, 52.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 179) }
```

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

```
.background{ background-color: rgb(199,  
222, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor