

Converting Colors

XYZ(58.3472, 72.4187, 59.0244)

Have a look what the booklet for
XYZ(58.3472, 72.4187, 59.0244)
contains.

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Color

**XYZ(58.3318, 72.2662,
59.0185)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E9BD
RGB	185, 233, 189
RGB Percent	73%, 91%, 74%
CMY	0.2745, 0.0863, 0.2588
CMYK	0.21, 0.00, 0.19, 0.09
HSL	125°, 52%, 82%
HSV	125°, 21%, 91%
XYZ	58.3318, 72.2662, 59.0185
YIQ	213.6320, -14.4840, -23.8600

Conversions

Conversions Part 2

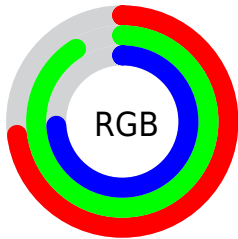
Format	Color
RYB	185, 229, 233
Decimal	12183997
CIELab	88.10, -23.79, 16.41
CIELCh	88, 28.896, 145.403
Yxy	72.2662, 0.3076, 0.3811
Android (android.graphics.Color)	4290374077 (0xFFB9E9BD)
YUV	213.6320, -12.1436, -25.1103
Hunter-Lab	85.0095, -26.2836, 18.3441

Details

The XYZ color **58.3318, 72.2662, 59.0185** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0986, 57.6803, 81.8342**, and the grayscale version is **63.7567, 67.0771, 73.0469**.

A 20% lighter version of the original color is **88.8594, 96.9898, 100.4237**, and **29.5261, 38.0471, 29.0802** is the 20% darker color. If you saturate the color by 10%, you get **51.0146, 68.7446, 47.4521**, and if you desaturate by 10%, it is **66.9155, 76.4054, 72.4295**.

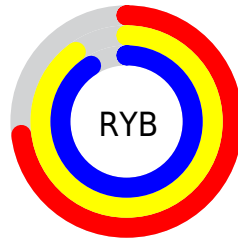
Distribution



Red (73%)

Green (91%)

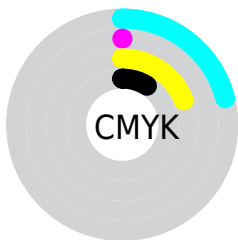
Blue (74%)



Red (73%)

Yellow (90%)

Blue (91%)

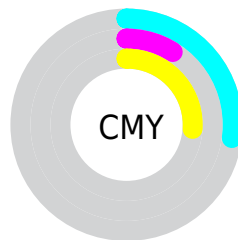


Cyan (21%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (27%)


Magenta (9%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3318, 72.2662, 59.0185 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 58.3318, 72.2662, 59.0185 by changing the saturation by 10% instead.


 58.3318, 72.2662,
59.0185

 58.3318, 72.2662,
59.0185


408.3551,
468.4676, 438.6743

 42.3197, 53.3762,
42.2079


 101.5261,
122.4349, 104.9339

 29.5439, 38.1031,
28.9373


129.4390,
154.4824, 134.8759

 19.6390, 26.0628,
18.7882


162.0496,
191.6845, 170.0320

 12.2397, 16.8706,
11.3421

199.7232,
234.4255, 210.8208

 6.9805, 10.1423,
6.1804

242.8252,
283.0900, 257.6609

 3.4961, 5.4934,
2.8845


291.7210,


 1.4212, 2.5396,


338.0622, 310.9708


1.0360


346.7758,
399.7266, 371.1691


 0.2713, 0.8964,
0.0000


 0.0000, 0.0000,
0.0000


 58.3318, 72.2662,
59.0185


 58.3318, 72.2662,
59.0185


 51.0146, 68.7446,
47.4521


 66.9155, 76.4054,
72.4295

 44.8984, 65.8023,
37.6451

 76.8157, 81.1802,
87.7557

 39.9206, 63.4110,
29.5128

 88.0866, 86.6190,
105.0700

 36.0107, 61.5363,
22.9615

 88.4303, 86.7606,
106.6934

■ 33.0901, 60.1399,
17.8885

■ 31.0695, 59.1783,
14.1788

■ 29.8433, 58.5998,
11.7004

■ 29.2614, 58.3291,
10.3514

Harmonies

Analogous

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



63.1498, 72.2662, 49.1053



58.3318, 72.2662, 59.0185



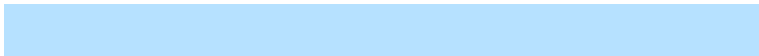
56.2899, 72.2662, 75.6788

Triad

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



58.3318, 72.2662, 59.0185



67.6288, 72.2662, 122.9744



81.3852, 72.2662, 63.4818

Complementary

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



58.3318, 72.2662, 59.0185



65.0986, 57.6803, 81.8342

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.



82.7821, 72.2662, 81.7710



58.3318, 72.2662, 59.0185



74.5385, 72.2662, 118.2520

Square

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



58.3318, 72.2662, 59.0185



61.4240, 72.2662, 114.3005



80.2001, 72.2662, 102.2983



76.5008, 72.2662, 51.3634

Rectangle

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



58.3318, 72.2662, 59.0185



56.6708, 72.2662, 89.2182



80.2001, 72.2662, 102.2983



82.2916, 72.2662, 69.0164

Sweetspot

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



58.3337, 72.2693, 59.0201



87.4669, 96.3422, 97.1855



70.2120, 78.4422, 57.3400



18.5526, 20.5397, 20.5401



0.0000, 0.0000, 0.0000



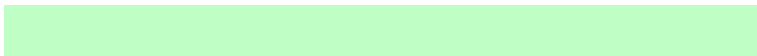
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3337, 72.2693, 59.0201



67.3368, 86.6400, 65.7353



61.1589, 73.3993, 73.8971



14.9193, 16.8825, 16.2578



16.6209, 33.1028, 5.9687



1.3228, 2.6064, 0.5615

Inverse Universe

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



65.0986, 57.6803, 81.8342



77.1316, 65.5133, 98.7655



61.9749, 56.4309, 65.3852



15.6575, 15.2909, 18.7477



25.9472, 12.5816, 37.1187



2.0535, 0.9944, 2.9991

Previews

White Background



This preview shows how the XYZ color 58.3318, 72.2662, 59.0185 looks on a white background.

Color Contrast Check

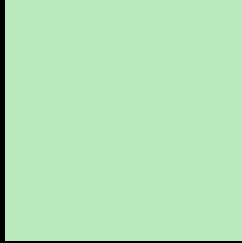
Large Text (above 18pt) WCAG AA × Fail

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 58.3318, 72.2662, 59.0185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

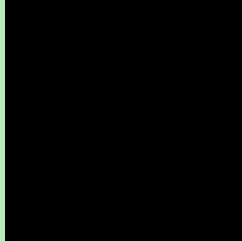
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3318, 72.2662, 59.0185

Background



This preview shows how black text looks on a background with the XYZ color 58.3318, 72.2662, 59.0185.



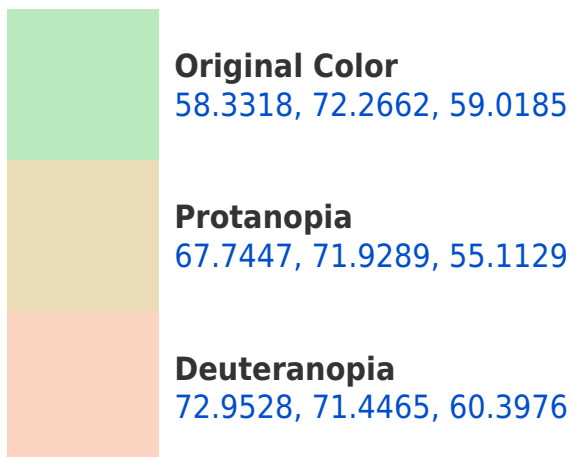
This preview shows how white text looks on a background with the XYZ color 58.3318, 72.2662,

59.0185.

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





Tritanopia

65.6222, 72.3331, 95.2970

Trichromacy



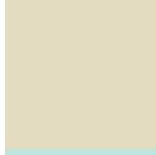
Original Color

58.3318, 72.2662, 59.0185



Protanomaly

64.0011, 71.9521, 56.4139



Deuteranomaly

66.7862, 71.3231, 60.1159



Tritanomaly

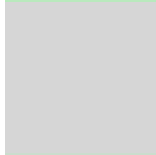
62.8245, 72.4427, 80.4837

Monochromacy



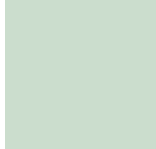
Original Color

58.3318, 72.2662, 59.0185



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.5045, 68.8172, 67.7990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3318, 72.2662, 59.0185 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(185, 233, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 189)  
}
```

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(185, 233, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 189) }
```

Border

The CSS property to change the border of an element to XYZ 58.3318, 72.2662, 59.0185 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(185, 233, 189) }
```


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

```
.border{ border-color:rgb(185, 233, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 233, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 233, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 233, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 233,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3318, 72.2662, 59.0185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 189) }
```

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

```
.background{ background-color: rgb(185,  
233, 189) }
```

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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