

# Converting Colors

XYZ(58.3362, 66.6165, 57.9277)

Have a look what the booklet for  
XYZ(58.3362, 66.6165, 57.9277)  
contains.

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# Color

**XYZ(58.3362, 66.6165,  
57.9277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8DBBD
RGB	200, 219, 189
RGB Percent	78%, 86%, 74%
CMY	0.2157, 0.1412, 0.2588
CMYK	0.09, 0.00, 0.14, 0.14
HSL	98°, 29%, 80%
HSV	98°, 14%, 86%
XYZ	58.3362, 66.6165, 57.9277
YIQ	209.8990, -1.6940, -13.3580

# Conversions

## Conversions Part 2

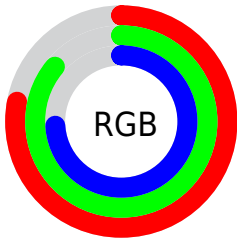
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 219, 208
Decimal	13163453
CIE Lab	85.31, -11.76, 12.61
CIE LCh	85, 17.248, 133.005
Yxy	66.6165, 0.3190, 0.3643
Android (android.graphics.Color)	4291353533 (0xFFC8DBBD)
YUV	209.8990, -10.3032, -8.6814
Hunter-Lab	81.6189, -15.2523, 15.0531

# Details

The XYZ color **58.3362, 66.6165, 57.9277** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.9989, 54.9214, 74.6181**, and the grayscale version is **61.2601, 64.4504, 70.1864**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **29.5735, 34.4395, 28.3814** is the 20% darker color. If you saturate the color by 10%, you get **52.5984, 63.9147, 46.1728**, and if you desaturate by 10%, it is **64.7729, 69.6409, 71.5919**.

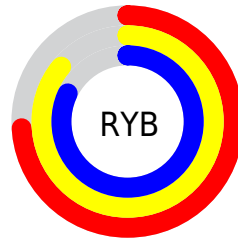
# Distribution



Red (78%)

Green (86%)

Blue (74%)



Red (74%)

Yellow (86%)

Blue (82%)

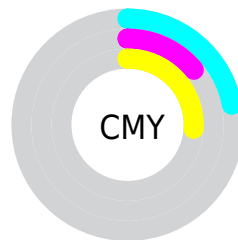


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (22%)

Magenta (14%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3362, 66.6165, 57.9277 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 58.3362, 66.6165, 57.9277 by changing the saturation by 10% instead.




 58.3362, 66.6165,  
57.9277

 58.3362, 66.6165,  
57.9277


408.3712,  
448.5785, 434.5072

 42.3233, 48.7730,  
41.3362

 101.5324,  
114.3707, 103.3313

 29.5467, 34.4395,  
28.2602


129.4465,  
145.0503, 132.9805

 19.6412, 23.2314,  
18.2812


162.0583,  
180.7773, 167.8193

 12.2412, 14.7645,  
10.9805

199.7332,  
221.9362, 208.2664

 6.9815, 8.6543,  
5.9397

242.8366,  
268.9114, 254.7401

 3.4968, 4.5164,  
2.7403


291.7339,

 1.4216, 1.9664,


322.0872, 307.6592


0.9636


346.7903,  
381.8481, 367.4420


 0.2715, 0.5878,  
0.0000


 0.0000, 0.0000,  
0.0000


 58.3362, 66.6165,  
57.9277


 58.3362, 66.6165,  
57.9277


 52.5984, 63.9147,  
46.1728


 64.7729, 69.6409,  
71.5919


 47.5290, 61.5160,  
36.2380

 71.9265, 72.9898,  
87.2406

 43.1034, 59.4115,  
28.0333

 79.8214, 76.6760,  
104.9503

 39.2930, 57.5888,  
21.4596

 84.6228, 79.1457,  
105.4243

■ 36.0671, 56.0343,  
16.4075

■ 33.3917, 54.7331,  
12.7543

■ 31.2286, 53.6688,  
10.3582

■ 29.5331, 52.8220,  
9.0474

■ 28.6654, 52.3837,  
8.6002

# Harmonies

## Analogous

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



61.6435, 66.6165, 53.5474



58.3362, 66.6165, 57.9277



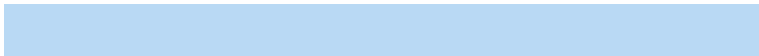
56.4094, 66.6165, 66.4330

# Triad

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



58.3362, 66.6165, 57.9277



61.1492, 66.6165, 95.0850



70.9124, 66.6165, 67.8052

# Complementary

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



58.3362, 66.6165, 57.9277



56.9989, 54.9214, 74.6181

# 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.



70.7666, 66.6165, 78.9976



58.3362, 66.6165, 57.9277



65.0204, 66.6165, 95.5495

# Square

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



58.3362, 66.6165, 57.9277



57.9872, 66.6165, 88.1992



68.5735, 66.6165, 89.4099



68.9638, 66.6165, 58.8431



# Rectangle

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



58.3362, 66.6165, 57.9277



56.1161, 66.6165, 73.6663



68.5735, 66.6165, 89.4099



71.1090, 66.6165, 71.4134

# Sweetspot

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



58.3380, 66.6194, 57.9292



91.1138, 98.1555, 100.3699



60.9572, 63.8487, 57.2563



19.3476, 20.9369, 21.1509



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

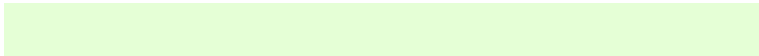


# Same Dimension

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



58.3380, 66.6194, 57.9292



80.2865, 93.0692, 77.4849



55.9454, 65.3351, 60.1156



13.3350, 14.8375, 13.8867



17.1068, 31.1164, 5.1044



1.2012, 2.0638, 0.3350



# Inverse Universe

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



56.9989, 54.9214, 74.6181



78.0969, 73.9472, 104.7648



59.6792, 56.3633, 72.0269



13.1275, 13.0239, 16.4741



13.9911, 6.3368, 40.2241



0.9999, 0.4587, 2.6103



# Previews

## White Background



This preview shows how the XYZ color 58.3362, 66.6165, 57.9277 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

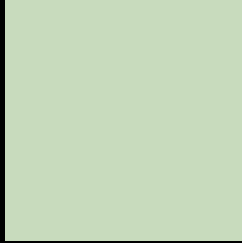
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.3362, 66.6165, 57.9277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

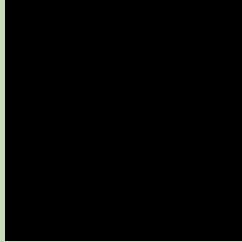
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.3362, 66.6165, 57.9277**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.3362, 66.6165, 57.9277.



This preview shows how white text looks on a background with the XYZ color 58.3362, 66.6165,



# 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

58.3362, 66.6165, 57.9277

### Protanopia

62.8378, 66.3201, 55.9435

### Deuteranopia

67.6214, 66.1692, 59.0771



## **Tritanopia**

63.5308, 66.4235, 84.3355

# Trichromacy



## Original Color

58.3362, 66.6165, 57.9277

## Protanomaly

61.2944, 66.6358, 56.6451

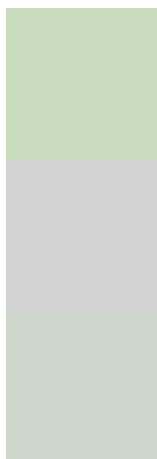
## Deuteranomaly

63.8146, 66.0235, 58.6706

## Tritanomaly

61.4680, 66.3445, 73.8560

# Monochromacy



## Original Color

58.3362, 66.6165, 57.9277

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

59.9085, 64.9746, 65.2609

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.3362, 66.6165, 57.9277 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(200, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 219, 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(200, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 219, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 58.3362, 66.6165, 57.9277 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(200, 219, 189) }
```



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

```
.border{ border-color:rgb(200, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 219, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 219, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 219,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.3362, 66.6165, 57.9277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 219, 189) }
```

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

```
.background{ background-color: rgb(200,  
219, 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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