

# Converting Colors

XYZ(59.5254, 67.2041, 64.4118)

Have a look what the booklet for  
XYZ(59.5254, 67.2041, 64.4118)  
contains.

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# Color

**XYZ(59.5763, 67.1125,  
64.4576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8DBC8
RGB	200, 219, 200
RGB Percent	78%, 86%, 78%
CMY	0.2157, 0.1412, 0.2157
CMYK	0.09, 0.00, 0.09, 0.14
HSL	120°, 21%, 82%
HSV	120°, 9%, 86%
XYZ	59.5763, 67.1125, 64.4576
YIQ	211.1530, -5.2250, -9.9370

# Conversions

## Conversions Part 2

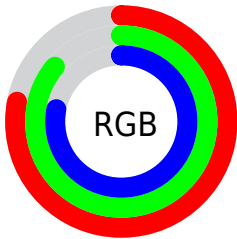
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 219, 219
Decimal	13163464
CIE Lab	85.56, -9.86, 7.17
CIE LCh	86, 12.189, 143.956
Yxy	67.1125, 0.3117, 0.3511
Android (android.graphics.Color)	4291353544 (0xFFC8DBC8)
YUV	211.1530, -5.4984, -9.7812
Hunter-Lab	81.9222, -13.5533, 10.6953

# Details

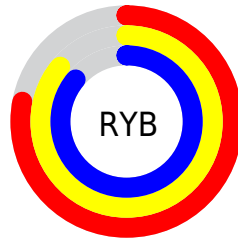
The XYZ color **59.5763, 67.1125, 64.4576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6563, 61.4848, 75.5865**, and the grayscale version is **62.0572, 65.2890, 71.0997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3178, 34.7372, 32.3012** is the 20% darker color. If you saturate the color by 10%, you get **51.7622, 63.3609, 51.6746**, and if you desaturate by 10%, it is **68.5987, 71.4484, 79.2138**.

# Distribution



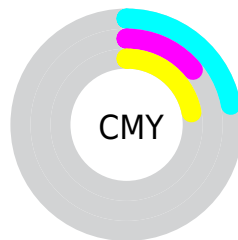
- Red (78%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5763, 67.1125, 64.4576 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 59.5763, 67.1125, 64.4576 by changing the saturation by 10% instead.



■ 59.5763, 67.1125,  
64.4576

■ 59.5763, 67.1125,  
64.4576

412.8941,  
450.3451, 459.0930

■ 43.3254, 49.1761,  
46.5729

103.3246,  
115.0816, 112.8755

■ 30.3361, 34.7592,  
32.3462

131.5528,  
145.8830, 144.2457

■ 20.2432, 23.4774,  
21.3590

164.5040,  
181.7416, 180.9482

■ 12.6812, 14.9464,  
13.1929

202.5437,  
223.0417, 223.4014

■ 7.2849, 8.7818,  
7.4292

246.0371,  
270.1677, 272.0240

■ 3.6888, 4.5991,  
3.6495

295.3498,

■ 1.5276, 2.0140,

323.5040, 327.2344

1.4351

350.8470,  
383.4350, 389.4512

■ 0.3445, 0.6156,  
0.1689

■ 0.0000, 0.0000,  
0.0000

■ 59.5763, 67.1125,  
64.4576

■ 59.5763, 67.1125,  
64.4576

■ 51.7622, 63.3609,  
51.6746

■ 68.5987, 71.4484,  
79.2138

■ 45.0997, 60.1606,  
40.7769

■ 78.8717, 76.3830,  
96.0171

■ 39.5363, 57.4882,  
31.6769

■ 84.6228, 79.1456,  
105.4243

■ 35.0128, 55.3154,  
24.2779

■ 31.4648, 53.6111,  
18.4744

■ 28.8204, 52.3409,  
14.1491

■ 26.9983, 51.4656,  
11.1685

■ 25.9020, 50.9390,  
9.3754

■ 25.3849, 50.6906,  
8.5296

# Harmonies

## Analogous

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



61.6493, 67.1125, 59.9967



59.5763, 67.1125, 64.4576



58.6350, 67.1125, 71.4790

# Triad

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



59.5763, 67.1125, 64.4576



63.2290, 67.1125, 89.3243



68.7828, 67.1125, 67.0514

# Complementary

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



59.5763, 67.1125, 64.4576



62.6563, 61.4848, 75.5865

# 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.



69.2353, 67.1125, 74.6927



59.5763, 67.1125, 64.4576



65.9765, 67.1125, 87.9258

# Square

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



59.5763, 67.1125, 64.4576



60.7042, 67.1125, 86.1205



68.1945, 67.1125, 82.4262



66.9754, 67.1125, 61.4167



# Rectangle

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



59.5763, 67.1125, 64.4576



58.7557, 67.1125, 76.8166



68.1945, 67.1125, 82.4262



69.1006, 67.1125, 69.4552

# Sweetspot

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



59.5782, 67.1154, 64.4591



91.0839, 98.0949, 102.4127



64.9732, 69.8966, 64.7115



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

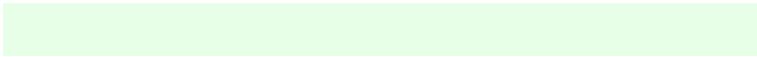


# Same Dimension

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



59.5782, 67.1154, 64.4591



82.4457, 93.9455, 88.2834



60.7237, 67.5736, 70.4913



12.8866, 14.6063, 13.8657



15.0204, 30.0408, 5.0068



0.9731, 1.9462, 0.3244



# Inverse Universe

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



62.6563, 61.4848, 75.5865



87.4478, 84.7957, 106.3658



61.4406, 60.9985, 69.1844



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7343



1.6134, 0.7750, 2.6390



# Previews

## White Background



This preview shows how the XYZ color 59.5763, 67.1125, 64.4576 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

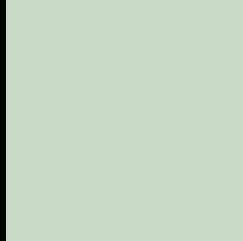
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.5763, 67.1125, 64.4576 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

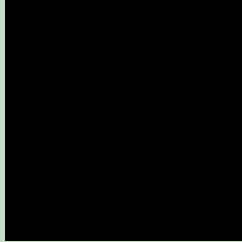
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

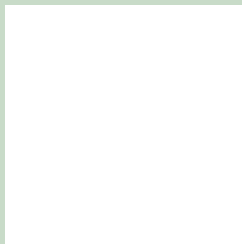
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 59.5763, 67.1125, 64.4576

## Background



This preview shows how black text looks on a background with the XYZ color 59.5763, 67.1125, 64.4576.



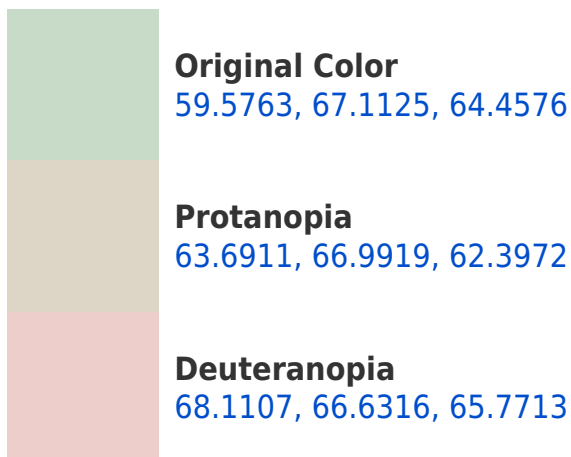
This preview shows how white text looks on a background with the XYZ color 59.5763, 67.1125,



# 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

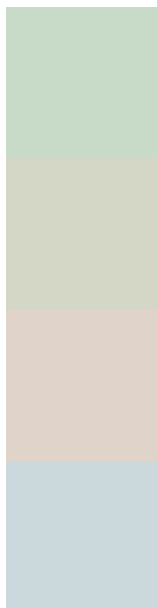




## Tritanopia

63.6472, 66.8418, 85.1485

# Trichromacy



## Original Color

59.5763, 67.1125, 64.4576

## Protanomaly

61.9341, 66.8242, 63.0602

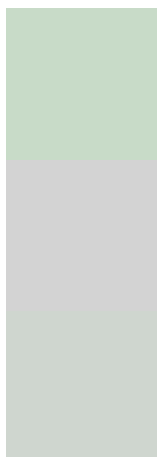
## Deuteranomaly

64.6954, 66.7001, 65.3417

## Tritanomaly

62.1027, 66.9756, 77.3646

# Monochromacy



## Original Color

59.5763, 67.1125, 64.4576

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.0412, 65.8635, 68.5272

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.5763, 67.1125, 64.4576 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 219, 200)  
}
```

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, 200) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to XYZ 59.5763, 67.1125, 64.4576 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, 200) }
```



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

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

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, 200)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to XYZ 59.5763, 67.1125, 64.4576 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, 200) }
```

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

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

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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