

# Converting Colors

XYZ(59.6723, 62.7083, 69.3454)

Have a look what the booklet for  
XYZ(59.6723, 62.7083, 69.3454)  
contains.

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# **Color**

**XYZ(59.5536, 62.4945,  
69.2454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFCFD1
RGB	207, 207, 209
RGB Percent	81%, 81%, 82%
CMY	0.1882, 0.1882, 0.1804
CMYK	0.01, 0.01, 0.00, 0.18
HSL	240°, 2%, 82%
HSV	240°, 1%, 82%
XYZ	59.5536, 62.4945, 69.2454
YIQ	207.2280, -0.6420, 0.6220

# Conversions

## Conversions Part 2

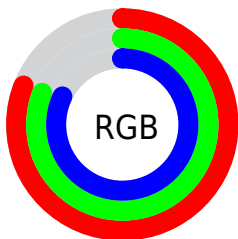
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 207, 209
Decimal	13619153
CIE Lab	83.18, 0.37, -1.00
CIE LCh	83, 1.065, 290.335
Yxy	62.4945, 0.3113, 0.3267
Android (android.graphics.Color)	4291809233 (0xFFCFCFD1)
YUV	207.2280, 0.8736, -0.2000
Hunter-Lab	79.0535, -3.8736, 3.4035

# Details

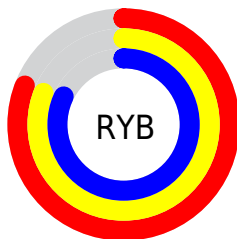
The XYZ color **59.5536, 62.4945, 69.2454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3575, 63.6605, 68.1390**, and the grayscale version is **59.4515, 62.5476, 68.1143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4445, 31.9213, 35.5672** is the 20% darker color. If you saturate the color by 10%, you get **49.3716, 50.2322, 67.4161**, and if you desaturate by 10%, it is **71.1801, 76.4966, 71.3362**.

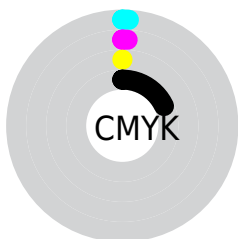
# Distribution



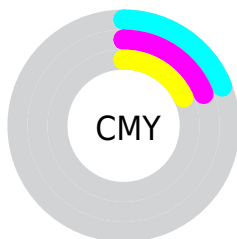
- Red (81%)
- Green (81%)
- Blue (82%)



- Red (81%)
- Yellow (81%)
- Blue (82%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (19%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5536, 62.4945, 69.2454 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 59.5536, 62.4945, 69.2454 by changing the saturation by 10% instead.



■ 59.5536, 62.4945,  
69.2454

■ 59.5536, 62.4945,  
69.2454

412.8116,  
433.7326, 476.6134

■ 43.3070, 45.4324,  
50.4386

103.2919,  
108.4399, 119.8030

■ 30.3216, 31.7981,  
35.3884

131.5143,  
138.0920, 152.3909

■ 20.2321, 21.2074,  
23.6763

164.4593,  
172.7095, 190.4096

■ 12.6731, 13.2757,  
14.8837

202.4923,  
212.6769, 234.2775

■ 7.2793, 7.6186,  
8.5921

245.9787,  
258.3785, 284.4134

■ 3.6853, 3.8519,  
4.3829

295.2838,

■ 1.5257, 1.5911,

310.1987, 341.2356

1.8377

350.7730,  
368.5219, 405.1627

■ 0.3432, 0.3516,  
0.4526

■ 0.0000, 0.0000,  
0.0000

■ 59.5536, 62.4945,  
69.2454

■ 59.5536, 62.4945,  
69.2454

■ 49.3716, 50.2322,  
67.4161

■ 71.1801, 76.4966,  
71.3362

■ 40.5726, 39.6341,  
65.8343

■ 84.2988, 92.2943,  
73.6941

■ 33.0986, 30.6311,  
64.4904

■ 88.5088, 97.3835,  
74.4545

■ 26.8855, 23.1458,  
63.3731

■ 21.8638, 17.0948,  
62.4698

■ 17.9573, 12.3864,  
61.7669

■ 15.0810, 8.9184,  
61.2491

■ 13.1378, 6.5741,  
60.8990

■ 12.0121, 5.2142,  
60.6959

# Harmonies

## Analogous

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



59.3246, 62.4945, 69.3073



59.5536, 62.4945, 69.2454



59.7416, 62.4945, 68.8609

# Triad

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



59.5536, 62.4945, 69.2454



59.6831, 62.4945, 67.0716



58.9625, 62.4945, 67.8326

# Complementary

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



59.5536, 62.4945, 69.2454



60.3575, 63.6605, 68.1390

# 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.



59.0580, 62.4945, 67.2373



59.5536, 62.4945, 69.2454



59.4737, 62.4945, 66.7998

# Square

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



59.5536, 62.4945, 69.2454



59.8165, 62.4945, 67.6049



59.2450, 62.4945, 66.8603



58.9837, 62.4945, 68.4888



# Rectangle

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



59.5536, 62.4945, 69.2454



59.8183, 62.4945, 68.4748



59.2450, 62.4945, 66.8603



58.9820, 62.4945, 67.6188

# Sweetspot

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



59.5554, 62.4972, 69.2468

95.0500, 100.0000, 108.9000



60.0380, 63.4691, 69.3873



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

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



59.5554, 62.4972, 69.2468



93.3113, 97.9061, 108.5875



59.8255, 62.6352, 69.2592



13.0791, 13.7257, 15.2036



7.0990, 2.8445, 37.3674



0.3975, 0.1602, 2.0895



# Inverse Universe

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



59.8712, 62.6872, 67.9789



93.8347, 98.2209, 106.4863



60.0857, 63.5216, 68.1265



13.1472, 13.7667, 14.9299



16.2140, 8.3584, 0.7669

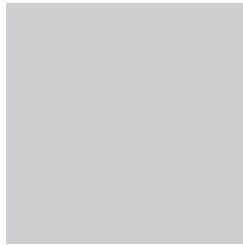


0.9069, 0.4675, 0.0444



# Previews

## White Background



This preview shows how the XYZ color 59.5536, 62.4945, 69.2454 looks on a white background.

## Color Contrast Check

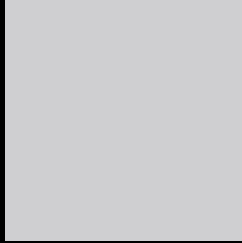
Large Text (above 18pt) WCAG AA × Fail

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 59.5536, 62.4945, 69.2454 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

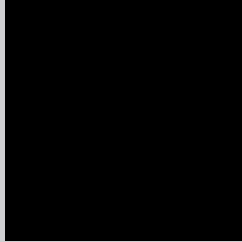
Any Text WCAG AAA ✓ Pass

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

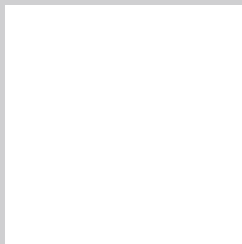


# XYZ 59.5536, 62.4945, 69.2454

## Background



This preview shows how black text looks on a background with the XYZ color 59.5536, 62.4945, 69.2454.



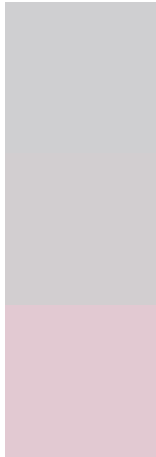
This preview shows how white text looks on a background with the XYZ color 59.5536, 62.4945,



# 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

59.5536, 62.4945, 69.2454

### Protanopia

60.0348, 62.3983, 68.5544

### Deuteranopia

63.8835, 62.5952, 69.6878



## Tritanopia

61.1770, 62.4384, 77.2341

# Trichromacy



## Original Color

59.5536, 62.4945, 69.2454

## Protanomaly

59.7510, 62.2520, 68.5411

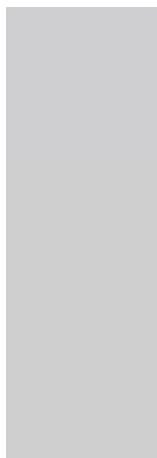
## Deuteranomaly

62.2022, 62.4251, 69.7436

## Tritanomaly

60.6081, 62.5623, 74.5270

# Monochromacy



## Original Color

59.5536, 62.4945, 69.2454

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

59.4301, 62.4451, 68.5953

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.5536, 62.4945, 69.2454 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(207, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 209)  
}
```

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(207, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 59.5536, 62.4945, 69.2454 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(207, 207, 209) }
```

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

```
.border{ border-color:rgb(207, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
209) }
```



# Background

The CSS property to change the background color of an element to XYZ 59.5536, 62.4945, 69.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 209) }
```

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

```
.background{ background-color: rgb(207,  
207, 209) }
```

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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