

# Converting Colors

XYZ(61.5097, 64.6225, 86.1798)

Have a look what the booklet for  
XYZ(61.5097, 64.6225, 86.1798)  
contains.

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# Color

**XYZ(61.5554, 64.6138,  
86.3182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7D3E9
RGB	199, 211, 233
RGB Percent	78%, 83%, 91%
CMY	0.2196, 0.1725, 0.0863
CMYK	0.15, 0.09, 0.00, 0.09
HSL	219°, 44%, 85%
HSV	219°, 15%, 91%
XYZ	61.5554, 64.6138, 86.3182
YIQ	209.9200, -14.2140, 4.2980

# Conversions

## Conversions Part 2

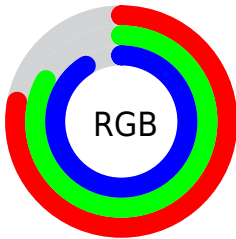
Format	Color
R <sub>Y</sub> B	199, 208, 233
Decimal	13095913
CIE Lab	84.28, 0.33, -12.20
CIE LCh	84, 12.202, 271.562
Yxy	64.6138, 0.2897, 0.3041
Android (android.graphics.Color)	4291285993 (0xFFC7D3E9)
YUV	209.9200, 11.3784, -9.5768
Hunter-Lab	80.3827, -3.9782, -7.4001

# Details

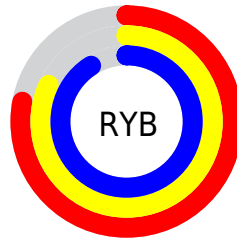
The XYZ color **61.5554, 64.6138, 86.3182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7699, 73.1598, 64.4781**, and the grayscale version is **61.1420, 64.3262, 70.0512**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6698, 33.3080, 46.3549** is the 20% darker color. If you saturate the color by 10%, you get **52.2695, 54.5269, 84.8617**, and if you desaturate by 10%, it is **72.1430, 75.8965, 87.9390**.

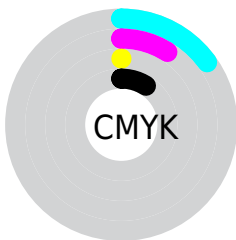
# Distribution



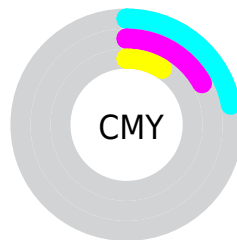
- Red (78%)
- Green (83%)
- Blue (91%)



- Red (78%)
- Yellow (82%)
- Blue (91%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5554, 64.6138, 86.3182 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 61.5554, 64.6138, 86.3182 by changing the saturation by 10% instead.



■ 61.5554, 64.6138,  
86.3182

■ 61.5554, 64.6138,  
86.3182

420.0509,  
441.4028, 536.2378

■ 44.9278, 47.1480,  
64.3747

106.1763,  
111.4944, 144.1039

■ 31.6016, 33.1527,  
46.5061

134.9002,  
141.6781, 180.7832

■ 21.2114, 22.2434,  
32.2939

168.3870,  
176.8697, 223.2116

■ 13.3920, 14.0359,  
21.3194

207.0020,  
217.4539, 271.8075

■ 7.7779, 8.1456,  
13.1641

251.1105,  
263.8149, 326.9896

■ 4.0038, 4.1883,  
7.4096

301.0780,

■ 1.7043, 1.7794,

316.3371, 389.1763

3.6373

357.2696,  
375.4049, 458.7862

■ 0.4589, 0.4743,  
1.4285

■ 0.0000, 0.0000,  
0.1638

■ 61.5554, 64.6138,  
86.3182

■ 61.5554, 64.6138,  
86.3182

■ 52.2695, 54.5269,  
84.8617

■ 72.1430, 75.8965,  
87.9390

■ 44.2269, 45.5864,  
83.5599

■ 84.0758, 88.4061,  
89.7246

■ 37.3732, 37.7511,  
82.4087

■ 91.7082, 98.6633,  
91.3022

■ 31.6478, 30.9739,  
81.4024

■ 26.9839, 25.2043,  
80.5345

■ 23.3074, 20.3864,  
79.7984

■ 20.5331, 16.4581,  
79.1864

■ 18.5589, 13.3470,  
78.6899

■ 17.7447, 11.9563,  
78.4644

# Harmonies

## Analogous

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



58.9699, 64.6138, 84.2810



61.5554, 64.6138, 86.3182



64.1762, 64.6138, 83.8237

# Triad

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



61.5554, 64.6138, 86.3182



65.9525, 64.6138, 62.8414



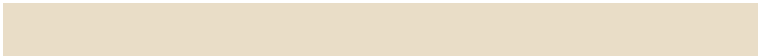
56.9527, 64.6138, 63.4961

# Complementary

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



61.5554, 64.6138, 86.3182



69.7699, 73.1598, 64.4781

# 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.



58.7312, 64.6138, 58.4096



61.5554, 64.6138, 86.3182



63.9236, 64.6138, 58.0516

# Square

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



61.5554, 64.6138, 86.3182



66.7606, 64.6138, 69.9481



61.2718, 64.6138, 56.4895



56.3598, 64.6138, 70.7604



# Rectangle

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



61.5554, 64.6138, 86.3182



65.5781, 64.6138, 80.0254



61.2718, 64.6138, 56.4895



57.4290, 64.6138, 61.4940

# Sweetspot

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



61.5573, 64.6165, 86.3196



89.3272, 93.9781, 108.0393



65.6823, 75.6167, 79.2159



18.8958, 19.8786, 23.0910



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.



61.5573, 64.6165, 86.3196



71.3802, 74.8047, 105.2843



59.9067, 59.5029, 85.4196



14.6662, 15.4189, 19.1254



10.1742, 6.9954, 44.5570



0.8866, 0.7246, 3.5280



# Inverse Universe

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



65.7871, 62.8751, 70.2998



77.6971, 72.3628, 81.3239



71.5920, 78.9729, 65.5041



15.2851, 15.1419, 16.7865



19.9908, 10.1990, 5.7527

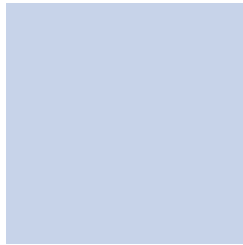


1.6140, 0.8186, 0.6847



# Previews

## White Background



This preview shows how the XYZ color 61.5554, 64.6138, 86.3182 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

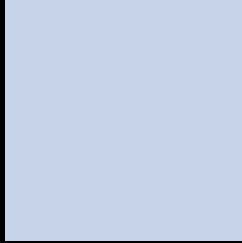
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.5554, 64.6138, 86.3182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

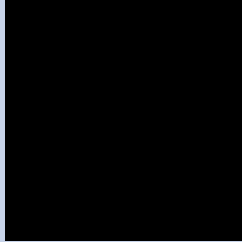
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.5554, 64.6138, 86.3182

## Background



This preview shows how black text looks on a background with the XYZ color 61.5554, 64.6138, 86.3182.



This preview shows how white text looks on a background with the XYZ color 61.5554, 64.6138,



# 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

61.5554, 64.6138, 86.3182

### Protanopia

62.9564, 64.6358, 84.7591

### Deuteranopia

65.6576, 64.1863, 86.7706



## Tritanopia

60.9750, 64.7499, 83.4130

# Trichromacy



## Original Color

61.5554, 64.6138, 86.3182

## Protanomaly

62.5139, 64.7568, 85.5484

## Deuteranomaly

64.3155, 64.5632, 86.9141

## Tritanomaly

61.1151, 64.8059, 84.1506

# Monochromacy



## Original Color

61.5554, 64.6138, 86.3182

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

61.1551, 64.2770, 75.5131

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.5554, 64.6138, 86.3182 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, 211, 233)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 233)  
}
```

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, 211, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 233) }
```

## Border

The CSS property to change the border of an element to XYZ 61.5554, 64.6138, 86.3182 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, 211, 233) }
```



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

```
.border{ border-color:rgb(199, 211, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 211, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 211, 233);  
box-shadow:4px 4px 4px 4px rgb(199, 211,  
233) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.5554, 64.6138, 86.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 233) }
```

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

```
.background{ background-color: rgb(199,  
211, 233) }
```

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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