

# Converting Colors

XYZ(61.3567, 65.9851, 73.4167)

Have a look what the booklet for  
XYZ(61.3567, 65.9851, 73.4167)  
contains.

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# Color

**XYZ(61.3610, 65.9273,  
73.1095)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDD6D6
RGB	205, 214, 214
RGB Percent	80%, 84%, 84%
CMY	0.1961, 0.1608, 0.1608
CMYK	0.04, 0.00, 0.00, 0.16
HSL	180°, 10%, 82%
HSV	180°, 4%, 84%
XYZ	61.3610, 65.9273, 73.1095
YIQ	211.3090, -5.3640, -1.9080

# Conversions

## Conversions Part 2

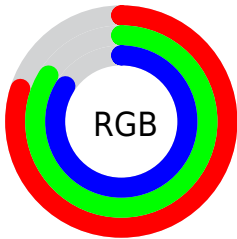
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 210, 214
Decimal	13489878
CIE Lab	84.96, -3.03, -1.07
CIE LCh	85, 3.214, 199.353
Yxy	65.9273, 0.3062, 0.3290
Android (android.graphics.Color)	4291679958 (0xFFCDD6D6)
YUV	211.3090, 1.3267, -5.5330
Hunter-Lab	81.1956, -7.1967, 3.4515

# Details

The XYZ color **61.3610, 65.9273, 73.1095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5847, 62.3683, 66.6059**, and the grayscale version is **62.1167, 65.3517, 71.1679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4186, 33.8788, 37.6842** is the 20% darker color. If you saturate the color by 10%, you get **55.8563, 63.0915, 72.8478**, and if you desaturate by 10%, it is **67.6769, 69.1850, 73.4119**.

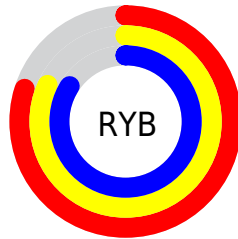
# Distribution



Red (80%)

Green (84%)

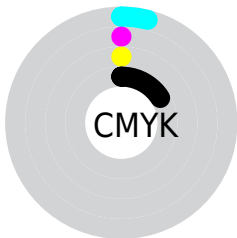
Blue (84%)



Red (80%)

Yellow (82%)

Blue (84%)

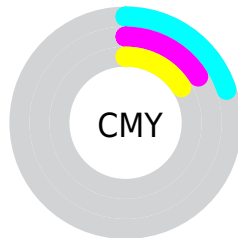


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3610, 65.9273, 73.1095 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 61.3610, 65.9273, 73.1095 by changing the saturation by 10% instead.



■ 61.3610, 65.9273,  
73.1095

■ 61.3610, 65.9273,  
73.1095

419.3512,  
446.1168, 490.4752

■ 44.7702, 48.2134,  
53.5731

105.8966,  
113.3820, 125.3550

■ 31.4770, 33.9959,  
37.8696

134.5722,  
143.8915, 158.9012

■ 21.1159, 22.8905,  
25.5805

168.0067,  
179.4351, 197.9545

■ 13.3217, 14.5126,  
16.2871

206.5655,  
220.3971, 242.9333

■ 7.7290, 8.4781,  
9.5710

250.6140,  
267.1618, 294.2563

■ 3.9724, 4.4023,  
5.0136

300.5176,

■ 1.6865, 1.9011,

320.1138, 352.3419

2.1964

356.6415,  
379.6373, 417.6087

■ 0.4478, 0.5490,  
0.6723

■ 0.0000, 0.0000,  
0.0000

■ 61.3610, 65.9273,  
73.1095

■ 61.3610, 65.9273,  
73.1095

■ 55.8563, 63.0915,  
72.8478

■ 67.6769, 69.1850,  
73.4119

■ 51.1246, 60.6523,  
72.6210

■ 74.8291, 72.8720,  
73.7520

■ 47.1330, 58.5947,  
72.4287

■ 77.4287, 74.2120,  
73.8791

■ 43.8442, 56.8994,  
72.2694

■ 77.4298, 74.2124,  
73.8845

■ 41.2173, 55.5453,  
72.1411

■ 77.4308, 74.2128,  
73.8900

■ 39.2077, 54.5094,  
72.0416

■ 77.4318, 74.2132,  
73.8955

■ 37.7648, 53.7657,  
71.9686

■ 77.4329, 74.2137,  
73.9010

■ 36.8303, 53.2841,  
71.9195

■ 77.4339, 74.2141,  
73.9064

■ 36.3335, 53.0281,  
71.8908

■ 77.4350, 74.2145,  
73.9119

# Harmonies

## Analogous

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



61.3072, 65.9273, 71.0515



61.3610, 65.9273, 73.1095



61.7618, 65.9273, 74.8432

# Triad

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



61.3610, 65.9273, 73.1095



63.7213, 65.9273, 74.4052



62.9188, 65.9273, 67.9460

# Complementary

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



61.3610, 65.9273, 73.1095



60.5847, 62.3683, 66.6059

# 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.



63.5707, 65.9273, 68.8085



61.3610, 65.9273, 73.1095



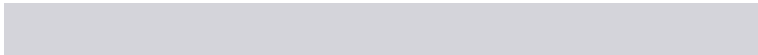
64.0364, 65.9273, 72.5208

# Square

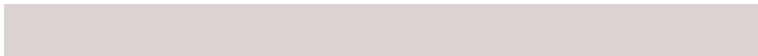
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.3610, 65.9273, 73.1095



63.1232, 65.9273, 75.6012



63.9811, 65.9273, 70.4739



62.2029, 65.9273, 68.0968



# Rectangle

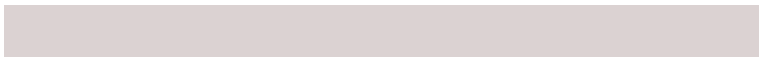
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3610, 65.9273, 73.1095



62.1736, 65.9273, 75.5694



63.9811, 65.9273, 70.4739



63.1528, 65.9273, 68.1264

# Sweetspot

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



61.3629, 65.9301, 73.1109



94.1179, 99.5195, 108.8556



60.2861, 65.5042, 67.2248



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

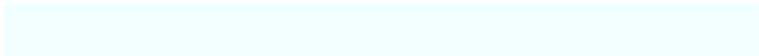


# Same Dimension

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



61.3629, 65.9301, 73.1109



90.5130, 97.6612, 108.6836



60.2766, 63.7568, 72.7510



13.2575, 14.3478, 16.0075



21.8648, 32.0013, 43.4452



1.3188, 1.9302, 2.6208



# Inverse Universe

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



60.5847, 62.3683, 66.6059



89.1319, 91.3393, 97.1377



61.6398, 64.4792, 66.9556



13.0307, 13.3094, 14.1112



16.7623, 8.6412, 0.7863

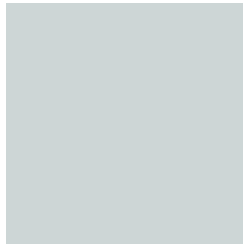


1.0111, 0.5212, 0.0478



# Previews

## White Background



This preview shows how the XYZ color 61.3610, 65.9273, 73.1095 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

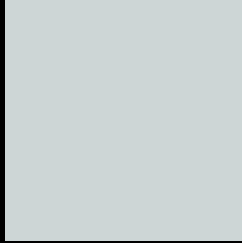
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.3610, 65.9273, 73.1095 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

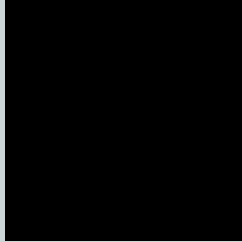
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

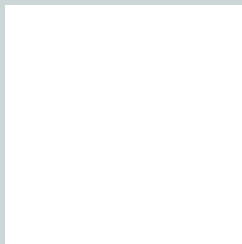
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.3610, 65.9273, 73.1095

## Background



This preview shows how black text looks on a background with the XYZ color 61.3610, 65.9273, 73.1095.



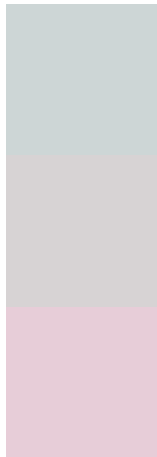
This preview shows how white text looks on a background with the XYZ color 61.3610, 65.9273,



# 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

61.3610, 65.9273, 73.1095

### Protanopia

63.2023, 65.7891, 71.6548

### Deuteranopia

67.1810, 65.6094, 74.0888



## Tritanopia

63.4185, 66.0095, 83.5273

# Trichromacy



## Original Color

61.3610, 65.9273, 73.1095

## Protanomaly

62.4177, 65.7399, 72.3501

## Deuteranomaly

64.9458, 65.5476, 73.5189

## Tritanomaly

62.7024, 66.0921, 79.9733

# Monochromacy



## Original Color

61.3610, 65.9273, 73.1095

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.7216, 65.3957, 71.6569

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.3610, 65.9273, 73.1095 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(205, 214, 214) looks like.

```
.text, #text, p{  
    color:rgb(205, 214, 214)  
}
```

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(205, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 214, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 61.3610, 65.9273, 73.1095 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(205, 214, 214) }
```



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

```
.border{ border-color:rgb(205, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(205, 214,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.3610, 65.9273, 73.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 214, 214) }
```

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

```
.background{ background-color: rgb(205,  
214, 214) }
```

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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