

# Converting Colors

XYZ(62.0780, 65.5865, 71.4385)

Have a look what the booklet for  
XYZ(62.0780, 65.5865, 71.4385)  
contains.

<b>XYZ(62.0055, 65.5421, 71.6702)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# **Color**

**XYZ(62.0055, 65.5421,  
71.6702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2D4D4
RGB	210, 212, 212
RGB Percent	82%, 83%, 83%
CMY	0.1765, 0.1686, 0.1686
CMYK	0.01, 0.00, 0.00, 0.17
HSL	180°, 2%, 83%
HSV	180°, 1%, 83%
XYZ	62.0055, 65.5421, 71.6702
YIQ	211.4020, -1.1920, -0.4240

# Conversions

## Conversions Part 2

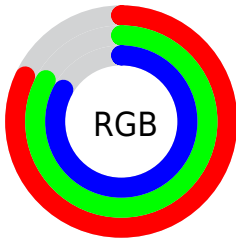
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 211, 212
Decimal	13817044
CIE Lab	84.76, -0.68, -0.25
CIE LCh	85, 0.720, 200.151
Yxy	65.5421, 0.3112, 0.3290
Android (android.graphics.Color)	4292007124 (0xFFD2D4D4)
YUV	211.4020, 0.2948, -1.2296
Hunter-Lab	80.9581, -4.9641, 4.1827

# Details

The XYZ color **62.0055, 65.5421, 71.6702** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8333, 64.7451, 70.2142**, and the grayscale version is **62.1830, 65.4213, 71.2438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8531, 33.6162, 36.7080** is the 20% darker color. If you saturate the color by 10%, you get **56.3607, 62.6345, 71.3821**, and if you desaturate by 10%, it is **68.4537, 68.8675, 71.9986**.

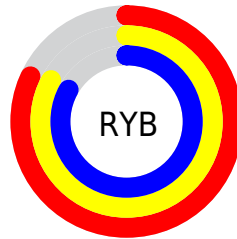
# Distribution



Red (82%)

Green (83%)

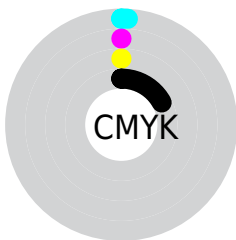
Blue (83%)



Red (82%)

Yellow (83%)

Blue (83%)

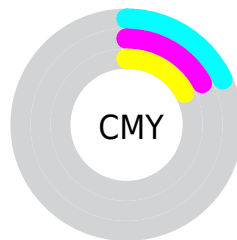


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (17%)



Cyan (18%)

Magenta (17%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0055, 65.5421, 71.6702 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 62.0055, 65.5421, 71.6702 by changing the saturation by 10% instead.



■ 62.0055, 65.5421,  
71.6702

■ 62.0055, 65.5421,  
71.6702

421.6684,  
444.7375, 485.3395

■ 45.2928, 47.9008,  
52.4041

106.8234,  
112.8289, 123.2909

■ 31.8903, 33.7483,  
36.9428

135.6592,  
143.2431, 156.4826

■ 21.4329, 22.7003,  
24.8678

169.2668,  
178.6838, 195.1532

■ 13.5551, 14.3724,  
15.7605

208.0115,  
219.5353, 239.7213

■ 7.8915, 8.3801,  
9.2023

252.2586,  
266.1820, 290.6055

■ 4.0768, 4.3391,  
4.7748

302.3736,

■ 1.7457, 1.8650,

319.0084, 348.2242

2.0593

358.7217,  
378.3987, 412.9960

■ 0.4846, 0.5272,  
0.5914

■ 0.0000, 0.0000,  
0.0000

■ 62.0055, 65.5421,  
71.6702

■ 62.0055, 65.5421,  
71.6702

■ 56.3607, 62.6345,  
71.3821

■ 68.4537, 68.8675,  
71.9986

■ 51.4824, 60.1202,  
71.1285

■ 75.7291, 72.6176,  
72.3644

■ 47.3394, 57.9850,  
70.9094

■ 76.6832, 73.1089,  
72.4343

■ 43.8958, 56.2103,  
70.7230

■ 76.6880, 73.1108,  
72.4598

41.1132, 54.7764,  
70.5675

76.6928, 73.1128,  
72.4854

38.9491, 53.6613,  
70.4410

76.6977, 73.1147,  
72.5109

37.3562, 52.8407,  
70.3412

76.7025, 73.1166,  
72.5365

36.2805, 52.2867,  
70.2656

76.7074, 73.1186,  
72.5620

35.6575, 51.9661,  
70.2112

76.7123, 73.1205,  
72.5876

# Harmonies

## Analogous

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



61.9912, 65.5421, 71.2126



62.0055, 65.5421, 71.6702



62.0976, 65.5421, 72.0473

# Triad

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



62.0055, 65.5421, 71.6702



62.5339, 65.5421, 71.9341



62.3488, 65.5421, 70.4939

# Complementary

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



62.0055, 65.5421, 71.6702



61.8333, 64.7451, 70.2142

# 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.



62.4945, 65.5421, 70.6854



62.0055, 65.5421, 71.6702



62.6014, 65.5421, 71.5160

# Square

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



62.0055, 65.5421, 71.6702



62.4026, 65.5421, 72.2001



62.5870, 65.5421, 71.0591



62.1892, 65.5421, 70.5347



# Rectangle

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



62.0055, 65.5421, 71.6702



62.1907, 65.5421, 72.2017



62.5870, 65.5421, 71.0591



62.4010, 65.5421, 70.5332

# Sweetspot

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



62.0074, 65.5449, 71.6716

95.0500, 100.0000, 108.9000



61.7661, 65.4495, 70.3513



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.



62.0074, 65.5449, 71.6716



94.1173, 99.5193, 108.8525



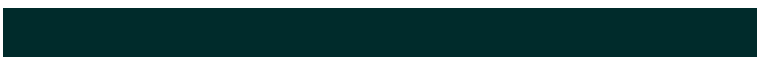
61.7664, 65.0623, 71.5936



13.8744, 14.6658, 16.0365



21.8416, 31.9920, 43.3228



1.3177, 1.9297, 2.6147



# Inverse Universe

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



61.8333, 64.7451, 70.2142



93.8347, 98.2209, 106.4865



62.0727, 65.2246, 70.2917



13.8356, 14.4873, 15.7112



16.7636, 8.6418, 0.7934

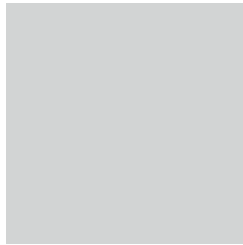


1.0114, 0.5214, 0.0496



# Previews

## White Background



This preview shows how the XYZ color 62.0055, 65.5421, 71.6702 looks on a white background.

## Color Contrast Check

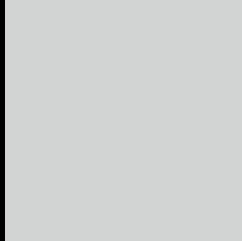
Large Text (above 18pt) WCAG AA × Fail

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 62.0055, 65.5421, 71.6702 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

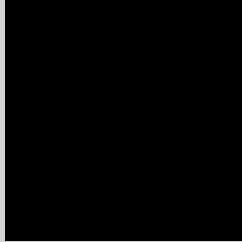
Any Text WCAG AAA ✓ Pass

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

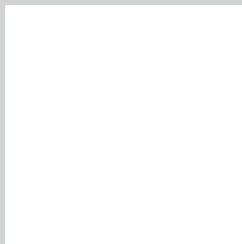


# XYZ 62.0055, 65.5421, 71.6702

## Background



This preview shows how black text looks on a background with the XYZ color 62.0055, 65.5421, 71.6702.



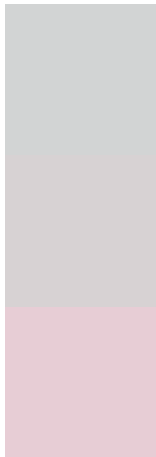
This preview shows how white text looks on a background with the XYZ color 62.0055, 65.5421,



# 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

62.0055, 65.5421, 71.6702

### Protanopia

62.8288, 65.2434, 70.9098

### Deuteranopia

66.7966, 65.4557, 72.0644



## Tritanopia

63.9254, 65.5812, 81.2407

# Trichromacy



## Original Color

62.0055, 65.5421, 71.6702

## Protanomaly

62.4927, 65.4378, 70.9651

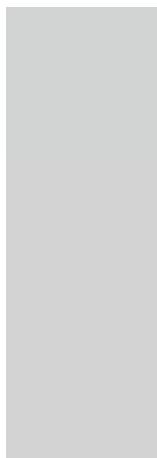
## Deuteranomaly

64.9975, 65.6038, 72.1879

## Tritanomaly

63.2094, 65.6579, 77.7484

# Monochromacy



## Original Color

62.0055, 65.5421, 71.6702

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.9161, 65.1406, 70.9381

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.0055, 65.5421, 71.6702 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(210, 212, 212) looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 212)  
}
```

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(210, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 62.0055, 65.5421, 71.6702 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(210, 212, 212) }
```

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

```
.border{ border-color:rgb(210, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
212) }
```



# Background

The CSS property to change the background color of an element to XYZ 62.0055, 65.5421, 71.6702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 212) }
```

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

```
.background{ background-color: rgb(210,  
212, 212) }
```

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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