

# Converting Colors

XYZ(62.1469, 62.4834, 73.5646)

Have a look what the booklet for  
XYZ(62.1469, 62.4834, 73.5646)  
contains.

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# Color

**XYZ(62.0695, 62.2687,  
73.7134)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D8CBD8
RGB	216, 203, 216
RGB Percent	85%, 80%, 85%
CMY	0.1529, 0.2039, 0.1529
CMYK	0.00, 0.06, 0.00, 0.15
HSL	300°, 14%, 82%
HSV	300°, 6%, 85%
XYZ	62.0695, 62.2687, 73.7134
YIQ	208.3690, 3.5750, 6.7990

# Conversions

## Conversions Part 2

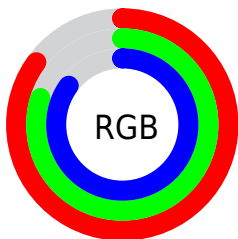
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 203, 216
Decimal	14207960
CIE Lab	83.06, 6.83, -4.83
CIE LCh	83, 8.362, 324.738
Yxy	62.2687, 0.3134, 0.3144
Android (android.graphics.Color)	4292398040 (0xFFD8CBD8)
YUV	208.3690, 3.7621, 6.6924
Hunter-Lab	78.9105, 2.3113, -0.1477

# Details

The XYZ color **62.0695, 62.2687, 73.7134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9664, 66.1217, 66.1054**, and the grayscale version is **60.1699, 63.3034, 68.9374**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8784, 31.6452, 38.1462** is the 20% darker color. If you saturate the color by 10%, you get **57.3205, 52.7698, 72.1311**, and if you desaturate by 10%, it is **67.5328, 73.1944, 75.5352**.

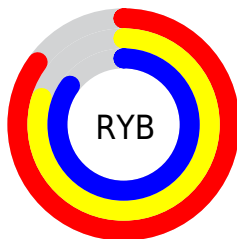
# Distribution



Red (85%)

Green (80%)

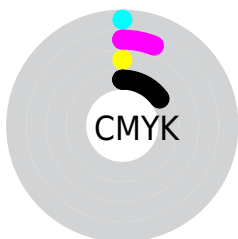
Blue (85%)



Red (85%)

Yellow (80%)

Blue (85%)

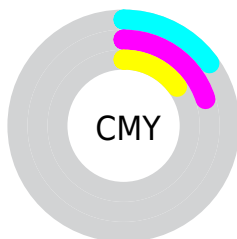


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0695, 62.2687, 73.7134 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 62.0695, 62.2687, 73.7134 by changing the saturation by 10% instead.



■ 62.0695, 62.2687,  
73.7134

■ 62.0695, 62.2687,  
73.7134

421.8981,  
432.9105, 492.6205

■ 45.3447, 45.2499,  
54.0641

106.9153,  
108.1138, 126.2197

■ 31.9314, 31.6543,  
38.2594

135.7671,  
137.7088, 159.9139

■ 21.4644, 21.0976,  
25.8807

169.3918,  
172.2647, 199.1267

■ 13.5783, 13.1953,  
16.5094

208.1549,  
212.1658, 244.2768

■ 7.9077, 7.5632,  
9.7271

252.4217,  
257.7965, 295.7827

■ 4.0872, 3.8167,  
5.1152

302.5576,

■ 1.7516, 1.5716,

309.5413, 354.0630

2.2551

358.9280,  
367.7845, 419.5360

■ 0.4882, 0.3383,  
0.7059

■ 0.0000, 0.0000,  
0.0000

■ 62.0695, 62.2687,  
73.7134

■ 62.0695, 62.2687,  
73.7134

■ 57.3205, 52.7698,  
72.1311

■ 67.5328, 73.1944,  
75.5352

■ 53.2511, 44.6311,  
70.7747

■ 73.7325, 85.5937,  
77.6018

■ 49.8319, 37.7928,  
69.6350

■ 76.4742, 91.0771,  
78.5157

■ 47.0293, 32.1876,  
68.7008

■ 76.4743, 91.0771,  
78.5157

44.8066, 27.7422,  
67.9599

76.4743, 91.0771,  
78.5157

43.1232, 24.3754,  
67.3988

76.4743, 91.0772,  
78.5157

41.9332, 21.9955,  
67.0021

76.4744, 91.0772,  
78.5157

41.1833, 20.4959,  
66.7522

76.4744, 91.0772,  
78.5157

40.8072, 19.7437,  
66.6268

76.4744, 91.0772,  
78.5157

# Harmonies

## Analogous

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



60.6517, 62.2687, 77.2531



62.0695, 62.2687, 73.7134



62.7152, 62.2687, 68.7174

# Triad

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



62.0695, 62.2687, 73.7134



59.5040, 62.2687, 58.3588



56.0822, 62.2687, 72.0535

# Complementary

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



62.0695, 62.2687, 73.7134



59.9664, 66.1217, 66.1054

# 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.



55.7889, 62.2687, 66.8909



62.0695, 62.2687, 73.7134



57.7412, 62.2687, 59.1514

# Square

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



62.0695, 62.2687, 73.7134



61.2148, 62.2687, 59.9892



56.3904, 62.2687, 62.2117



57.1996, 62.2687, 76.2611



# Rectangle

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



62.0695, 62.2687, 73.7134



62.6115, 62.2687, 65.2979



56.3904, 62.2687, 62.2117



55.8849, 62.2687, 70.3653

# Sweetspot

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



62.0713, 62.2714, 73.7148



93.4445, 96.7891, 108.3648



58.4332, 60.4719, 73.5592



20.0178, 20.7505, 23.2001



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.



62.0713, 62.2714, 73.7148



89.6176, 89.1353, 107.0892



61.2744, 61.9526, 69.5185



13.1522, 13.0309, 15.7595



24.0981, 11.5756, 39.4173



1.4535, 0.6982, 2.3775

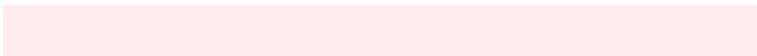


# Inverse Universe

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



60.4566, 61.6255, 65.2117



86.8756, 88.0385, 92.6501



60.7304, 66.4273, 70.1288



12.7229, 12.8592, 13.4989



16.7619, 8.6411, 0.7845

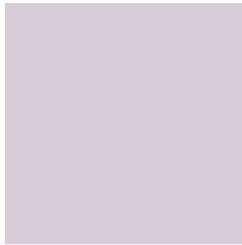


1.0110, 0.5212, 0.0473



# Previews

## White Background



This preview shows how the XYZ color 62.0695, 62.2687, 73.7134 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

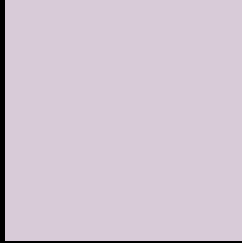
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.0695, 62.2687, 73.7134 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

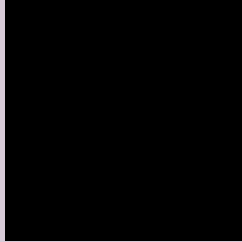
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.0695, 62.2687, 73.7134

## Background



This preview shows how black text looks on a background with the XYZ color 62.0695, 62.2687, 73.7134.



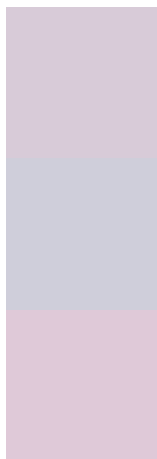
This preview shows how white text looks on a background with the XYZ color 62.0695, 62.2687,

73.7134.

# 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

62.0695, 62.2687, 73.7134

### Protanopia

60.4583, 62.4700, 75.2011

### Deuteranopia

63.7127, 62.4191, 73.6558



## Tritanopia

62.4610, 62.4253, 75.7751

# Trichromacy



## Original Color

62.0695, 62.2687, 73.7134

## Protanomaly

60.9340, 62.3740, 74.4735

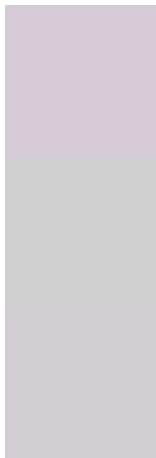
## Deuteranomaly

63.0304, 62.4146, 73.6909

## Tritanomaly

62.3297, 62.3728, 75.0837

# Monochromacy



## Original Color

62.0695, 62.2687, 73.7134

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

60.6931, 62.6946, 70.5304

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.0695, 62.2687, 73.7134 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(216, 203, 216) looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 216)  
}
```

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(216, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 62.0695, 62.2687, 73.7134 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(216, 203, 216) }
```



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

```
.border{ border-color:rgb(216, 203, 216) }
```

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

Here you see how a box with a 4 pixel rgb(216, 203, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.0695, 62.2687, 73.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 216) }
```

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

```
.background{ background-color: rgb(216,  
203, 216) }
```

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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