

# Converting Colors

XYZ(62.2456, 63.2379, 66.0522)

Have a look what the booklet for  
XYZ(62.2456, 63.2379, 66.0522)  
contains.

<b>XYZ(62.2456, 63.2379, 66.0522)</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> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(62.2456, 63.2379,  
66.0522)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCCDCC
RGB	220, 205, 204
RGB Percent	86%, 80%, 80%
CMY	0.1373, 0.1961, 0.2000
CMYK	0.00, 0.07, 0.07, 0.14
HSL	4°, 19%, 83%
HSV	4°, 7%, 86%
XYZ	62.2456, 63.2379, 66.0522
YIQ	209.3710, 9.2610, 2.8690

# Conversions

## Conversions Part 2

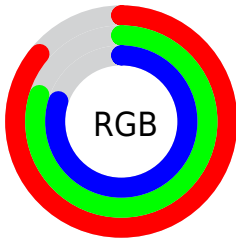
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 205, 204
Decimal	14470604
CIE Lab	83.57, 5.03, 2.36
CIE LCh	84, 5.560, 25.136
Yxy	63.2379, 0.3250, 0.3302
Android (android.graphics.Color)	4292660684 (0xFFDCCDCC)
YUV	209.3710, -2.6479, 9.3216
Hunter-Lab	79.5223, 0.5559, 6.4186

# Details

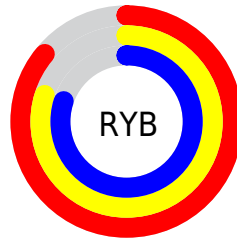
The XYZ color **62.2456, 63.2379, 66.0522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1515, 68.6666, 77.6365**, and the grayscale version is **60.8606, 64.0301, 69.7287**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0887, 32.3346, 33.4041** is the 20% darker color. If you saturate the color by 10%, you get **55.1798, 53.0346, 51.5851**, and if you desaturate by 10%, it is **70.3378, 74.8960, 82.7018**.

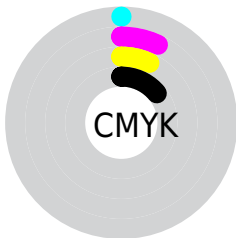
# Distribution



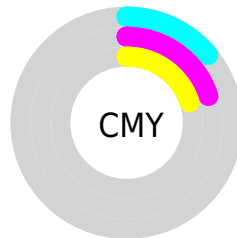
- Red (86%)
- Green (80%)
- Blue (80%)



- Red (86%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2456, 63.2379, 66.0522 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 62.2456, 63.2379, 66.0522 by changing the saturation by 10% instead.



■ 62.2456, 63.2379,  
66.0522

■ 62.2456, 63.2379,  
66.0522

422.5297,  
436.4324, 464.9729

■ 45.4875, 46.0337,  
47.8580

107.1683,  
109.5127, 115.1890

■ 32.0445, 32.2724,  
33.3553

136.0637,  
139.3520, 146.9686

■ 21.5512, 21.5697,  
22.1254

169.7356,  
174.1718, 184.1139

■ 13.6423, 13.5410,  
13.7499

208.5493,  
214.3566, 227.0433

■ 7.9523, 7.8021,  
7.8102

252.8702,  
260.2906, 276.1753

■ 4.1160, 3.9686,  
3.8877

303.0637,

■ 1.7680, 1.6560,

312.3583, 331.9286

1.5639

359.4951,  
370.9441, 394.7216

■ 0.4983, 0.3949,  
0.2649

■ 0.0000, 0.0000,  
0.0000

■ 62.2456, 63.2379,  
66.0522

■ 62.2456, 63.2379,  
66.0522

■ 55.1798, 53.0346,  
51.5851

■ 70.3378, 74.8960,  
82.7018

■ 49.0943, 44.2209,  
39.2062

■ 79.4894, 88.0540,  
101.6149

■ 43.9474, 36.7395,  
28.8203

■ 83.3255, 93.9558,  
108.3513

■ 39.6922, 30.5253,  
20.3233

■ 36.2781, 25.5082,  
13.6014

■ 33.6490, 21.6111,  
8.5289

■ 31.7422, 18.7480,  
4.9634

■ 30.4855, 16.8203,  
2.7385

■ 29.7886, 15.7093,  
1.6345

# Harmonies

## Analogous

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



62.4637, 63.2379, 69.4242



62.2456, 63.2379, 66.0522



61.4511, 63.2379, 63.5101

# Triad

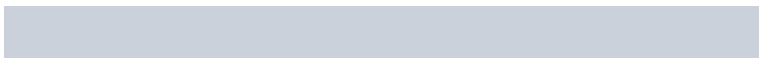
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2456, 63.2379, 66.0522



58.2091, 63.2379, 65.1011



59.9079, 63.2379, 75.7394

# Complementary

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



62.2456, 63.2379, 66.0522



63.1515, 68.6666, 77.6365

# 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.



58.7802, 63.2379, 74.4924



62.2456, 63.2379, 66.0522



57.8079, 63.2379, 68.2896

# Square

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



62.2456, 63.2379, 66.0522



59.1188, 63.2379, 62.9741



58.0155, 63.2379, 71.7367



61.1036, 63.2379, 75.0918



# Rectangle

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



62.2456, 63.2379, 66.0522



60.7070, 63.2379, 62.5888



58.0155, 63.2379, 71.7367



59.5084, 63.2379, 75.5267

# Sweetspot

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



62.2474, 63.2407, 66.0536



92.7336, 96.6638, 104.1307



63.9214, 63.5273, 76.0497



19.8731, 20.7250, 22.3382



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

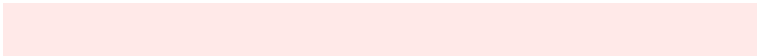


# Same Dimension

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



62.2474, 63.2407, 66.0536



85.0904, 85.6446, 88.4275



64.1591, 67.0641, 66.6908



13.1213, 13.1819, 13.5784



17.4405, 9.1665, 0.8501



1.1535, 0.6410, 0.0629

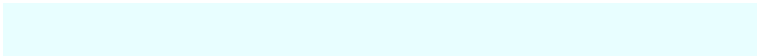


# Inverse Universe

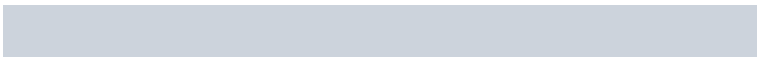
The Inverse Universe completely reimagines the original color for something new.



63.1515, 68.6666, 77.6365



86.6473, 94.9890, 108.3756



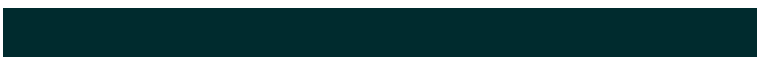
61.1650, 64.6936, 76.9743



13.3713, 14.6823, 16.7814



20.5940, 29.0575, 44.2616

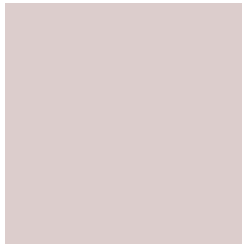


1.3558, 1.9257, 2.8747



# Previews

## White Background



This preview shows how the XYZ color 62.2456, 63.2379, 66.0522 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 62.2456, 63.2379, 66.0522 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

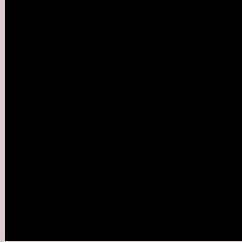
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.2456, 63.2379, 66.0522

## Background



This preview shows how black text looks on a background with the XYZ color 62.2456, 63.2379, 66.0522.



This preview shows how white text looks on a background with the XYZ color 62.2456, 63.2379,



# 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

62.2456, 63.2379, 66.0522

### Protanopia

60.7728, 63.1796, 66.7494

### Deuteranopia

64.7731, 63.4718, 66.5950



## Tritanopia

64.2663, 63.3559, 75.8596

# Trichromacy



## Original Color

62.2456, 63.2379, 66.0522

## Protanomaly

61.4097, 63.1493, 66.7100

## Deuteranomaly

63.7394, 63.2884, 66.6141

## Tritanomaly

63.5493, 63.4129, 72.5088

# Monochromacy



## Original Color

62.2456, 63.2379, 66.0522

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

61.2589, 63.7629, 68.1103

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.2456, 63.2379, 66.0522 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(220, 205, 204) looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 204)  
}
```

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(220, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 62.2456, 63.2379, 66.0522 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(220, 205, 204) }
```



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

```
.border{ border-color:rgb(220, 205, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.2456, 63.2379, 66.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 204) }
```

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

```
.background{ background-color: rgb(220,  
205, 204) }
```

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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