

# Converting Colors

XYZ(60.2103, 66.1158, 52.6764)

Have a look what the booklet for  
XYZ(60.2103, 66.1158, 52.6764)  
contains.

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# Color

**XYZ(60.2702, 66.1923,  
52.7798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D7B4
RGB	214, 215, 180
RGB Percent	84%, 84%, 71%
CMY	0.1608, 0.1568, 0.2941
CMYK	0.00, 0.00, 0.16, 0.16
HSL	62°, 30%, 77%
HSV	62°, 16%, 84%
XYZ	60.2702, 66.1923, 52.7798
YIQ	210.7110, 10.6390, -11.0970

# Conversions

## Conversions Part 2

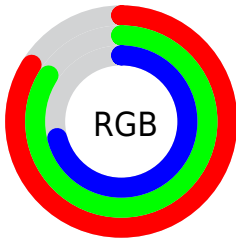
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 215, 181
Decimal	14079924
CIELab	85.09, -6.19, 17.19
CIELCh	85, 18.273, 109.804
Yxy	66.1923, 0.3362, 0.3693
Android (android.graphics.Color)	4292270004 (0xFFD6D7B4)
YUV	210.7110, -15.1405, 2.8845
Hunter-Lab	81.3587, -10.1455, 18.4879

# Details

The XYZ color **60.2702, 66.1923, 52.7798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6456, 47.3743, 70.9266**, and the grayscale version is **61.8195, 65.0389, 70.8273**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.6996, 34.0448, 25.0319** is the 20% darker color. If you saturate the color by 10%, you get **58.0686, 65.2931, 42.1167**, and if you desaturate by 10%, it is **62.8158, 67.2336, 65.2353**.

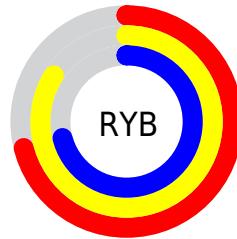
# Distribution



Red (84%)

Green (84%)

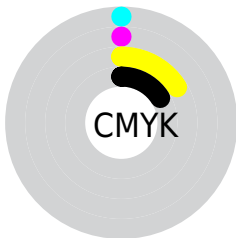
Blue (71%)



Red (71%)

Yellow (84%)

Blue (71%)

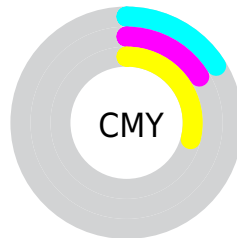


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2702, 66.1923, 52.7798 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 60.2702, 66.1923, 52.7798 by changing the saturation by 10% instead.



60.2702, 66.1923,  
52.7798

60.2702, 66.1923,  
52.7798

415.4118,  
447.0643, 414.4820

43.8868, 48.4285,  
37.2405

104.3256,  
113.7623, 95.7185

30.7790, 34.1664,  
25.0965

132.7284,  
144.3373, 123.9550

20.5816, 23.0214,  
15.9293

165.8682,  
179.9515, 157.2610

12.9292, 14.6093,  
9.3203

204.1105,  
220.9893, 196.0550

7.4565, 8.5457,  
4.8510

247.8207,  
267.8351, 240.7556

3.7981, 4.4460,  
2.1029

297.3641,

1.5885, 1.9261,

320.8732, 291.7812

0.6175

353.1060,  
380.4882, 349.5505

■ 0.3849, 0.5640,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.2702, 66.1923,  
52.7798

■ 60.2702, 66.1923,  
52.7798

■ 58.0686, 65.2931,  
42.1167

■ 62.8158, 67.2336,  
65.2353

■ 56.1901, 64.5210,  
33.1594

■ 65.7148, 68.4141,  
79.5557

■ 54.6196, 63.8722,  
25.8208

■ 68.9827, 69.7423,  
95.8150

■ 53.3389, 63.3394,  
20.0040

■ 70.8095, 70.4941,  
104.4824

■ 52.3275, 62.9144,  
15.6023

■ 70.9927, 70.5886,  
104.4910

■ 51.5626, 62.5880,  
12.4949

■ 71.1766, 70.6834,  
104.4996

■ 51.0173, 62.3496,  
10.5407

■ 71.3612, 70.7785,  
104.5082

■ 50.6581, 62.1857,  
9.5627

■ 71.5465, 70.8740,  
104.5169

■ 50.5494, 62.1347,  
9.3290

■ 71.7324, 70.9699,  
104.5256

# Harmonies

## Analogous

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



64.3253, 66.1923, 51.9855



60.2702, 66.1923, 52.7798



57.0598, 66.1923, 58.4100

# Triad

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



60.2702, 66.1923, 52.7798



57.9425, 66.1923, 90.8098



71.0295, 66.1923, 76.1597

# Complementary

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



60.2702, 66.1923, 52.7798



47.6456, 47.3743, 70.9266

# 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.



69.1551, 66.1923, 87.7141



60.2702, 66.1923, 52.7798



61.5231, 66.1923, 96.7626

# Square

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



60.2702, 66.1923, 52.7798



55.7570, 66.1923, 80.0278



65.6336, 66.1923, 95.5717



70.6582, 66.1923, 64.6621



# Rectangle

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



60.2702, 66.1923, 52.7798



55.7742, 66.1923, 64.5263



65.6336, 66.1923, 95.5717



70.6381, 66.1923, 80.1845

# Sweetspot

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



60.2720, 66.1952, 52.7812



92.9301, 99.1365, 98.4387



52.7039, 50.6225, 50.1743



19.8294, 21.1942, 20.7674



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.



60.2720, 66.1952, 52.7812



87.3626, 96.8631, 71.2187



55.5453, 63.7585, 52.5600



13.4359, 14.5009, 13.2515



30.2492, 37.1704, 5.5803



1.8358, 2.2478, 0.3371



# Inverse Universe

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



47.6456, 47.3743, 70.9266



64.9479, 63.4509, 103.4319



51.8997, 49.5674, 71.1257



11.7752, 12.0255, 15.6381



7.3978, 2.9662, 38.6358

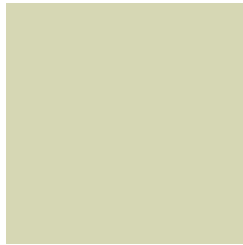


0.4581, 0.1850, 2.3309



# Previews

## White Background



This preview shows how the XYZ color 60.2702, 66.1923, 52.7798 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

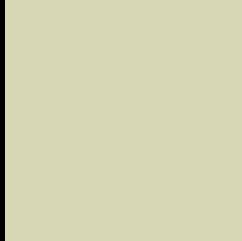
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2702, 66.1923, 52.7798 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

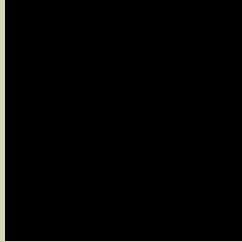
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

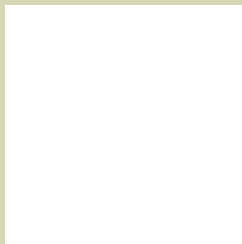
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.2702, 66.1923, 52.7798**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.2702, 66.1923, 52.7798.



This preview shows how white text looks on a background with the XYZ color 60.2702, 66.1923,



# 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

60.2702, 66.1923, 52.7798

### Protanopia

62.3198, 66.1486, 51.6028

### Deuteranopia

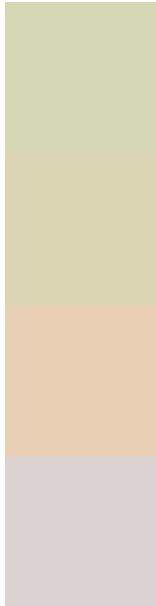
67.3446, 65.7962, 53.4065



## Tritanopia

65.9063, 66.2528, 80.5486

# Trichromacy



## Original Color

60.2702, 66.1923, 52.7798

## Protanomaly

61.4461, 66.0588, 52.1599

## Deuteranomaly

64.5006, 65.7716, 53.0117

## Tritanomaly

63.7163, 66.0974, 69.7215

# Monochromacy



## Original Color

60.2702, 66.1923, 52.7798

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.1202, 65.2541, 64.0175

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2702, 66.1923, 52.7798 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(214, 215, 180) looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 180)  
}
```

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(214, 215, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 180) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2702, 66.1923, 52.7798 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(214, 215, 180) }
```



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

```
.border{ border-color:rgb(214, 215, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 180);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
180) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2702, 66.1923, 52.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 180) }
```

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

```
.background{ background-color: rgb(214,  
215, 180) }
```

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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