

# Converting Colors

XYZ(60.2620, 66.7415, 56.2538)

Have a look what the booklet for  
XYZ(60.2620, 66.7415, 56.2538)  
contains.

<b>XYZ(60.2541, 66.8725, 56.1863)</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(60.2541, 66.8725,  
56.1863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2D9BA
RGB	210, 217, 186
RGB Percent	82%, 85%, 73%
CMY	0.1765, 0.1490, 0.2706
CMYK	0.03, 0.00, 0.14, 0.15
HSL	74°, 29%, 79%
HSV	74°, 14%, 85%
XYZ	60.2541, 66.8725, 56.1863
YIQ	211.3730, 5.7790, -11.1250

# Conversions

## Conversions Part 2

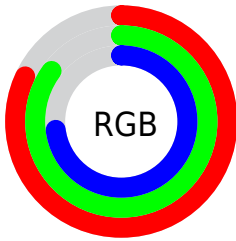
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 217, 193
Decimal	13818298
CIELab	85.44, -7.72, 14.48
CIELCh	85, 16.406, 118.058
Yxy	66.8725, 0.3287, 0.3648
Android (android.graphics.Color)	4292008378 (0xFFD2D9BA)
YUV	211.3730, -12.5089, -1.2041
Hunter-Lab	81.7756, -11.5845, 16.5060

# Details

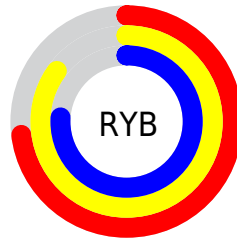
The XYZ color **60.2541, 66.8725, 56.1863** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0782, 51.4668, 72.8385**, and the grayscale version is **62.2425, 65.4840, 71.3121**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **30.6715, 34.5027, 27.2334** is the 20% darker color. If you saturate the color by 10%, you get **56.7462, 65.3128, 44.8805**, and if you desaturate by 10%, it is **64.1588, 68.6003, 69.3423**.

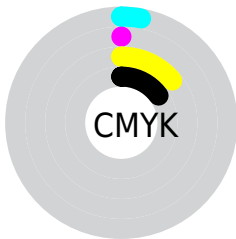
# Distribution



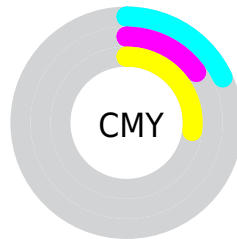
- Red (82%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2541, 66.8725, 56.1863 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 60.2541, 66.8725, 56.1863 by changing the saturation by 10% instead.



60.2541, 66.8725,  
56.1863

60.2541, 66.8725,  
56.1863

415.3535,  
449.4908, 427.8012

43.8737, 48.9810,  
39.9473

104.3024,  
114.7377, 100.7654

30.7687, 34.6044,  
27.1840

132.7011,  
145.4802, 129.9426

20.5738, 23.3583,  
17.4778

165.8366,  
181.2752, 164.2697

12.9235, 14.8583,  
10.4102

204.0742,  
222.5070, 204.1651

7.4525, 8.7200,  
5.5626

247.7794,  
269.5601, 250.0474

3.7955, 4.5590,  
2.5165

297.3174,

1.5871, 1.9909,

322.8188, 302.3352

0.8489

353.0536,  
382.6676, 361.4470

0.3840, 0.6022,  
0.0000

0.0000, 0.0000,  
0.0000

60.2541, 66.8725,  
56.1863

60.2541, 66.8725,  
56.1863

56.7462, 65.3128,  
44.8805

64.1588, 68.6003,  
69.3423

53.6136, 63.9058,  
35.3376

68.4699, 70.4935,  
84.4218

50.8407, 62.6476,  
27.4697

73.2037, 72.5608,  
101.4995

48.4087, 61.5306,  
21.1796

75.3728, 73.6072,  
104.8428

46.2969, 60.5464,  
16.3604

76.9649, 74.4280,  
104.9173

44.4820, 59.6856,  
12.8916

78.6017, 75.2718,  
104.9939

42.9371, 58.9376,  
10.6339

80.2834, 76.1387,  
105.0726

41.6296, 58.2891,  
9.4175

82.0103, 77.0290,  
105.1534

40.9581, 57.9509,  
9.0269

83.7829, 77.9428,  
105.2364

# Harmonies

## Analogous

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



63.8031, 66.8725, 54.1943



60.2541, 66.8725, 56.1863



57.6803, 66.8725, 62.5013

# Triad

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



60.2541, 66.8725, 56.1863



59.8497, 66.8725, 91.6211



70.9822, 66.8725, 73.5094

# Complementary

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



60.2541, 66.8725, 56.1863



52.0782, 51.4668, 72.8385

# 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.



69.8269, 66.8725, 84.2002



60.2541, 66.8725, 56.1863



63.3182, 66.8725, 95.2710

# Square

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



60.2541, 66.8725, 56.1863



57.4533, 66.8725, 82.8821



66.9853, 66.8725, 92.4329



70.0854, 66.8725, 63.5939



# Rectangle

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



60.2541, 66.8725, 56.1863



56.8144, 66.8725, 68.6547



66.9853, 66.8725, 92.4329



70.8201, 66.8725, 77.1355

# Sweetspot

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



60.2559, 66.8754, 56.1877



92.6082, 98.9259, 100.4398



56.4879, 56.3136, 54.3477



19.7260, 21.1319, 21.1686



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

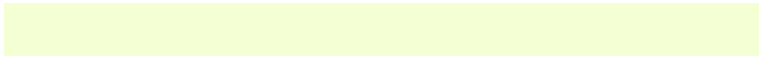


# Same Dimension

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



60.2559, 66.8754, 56.1877



85.3277, 95.7054, 76.0319



56.1277, 64.7473, 55.9945



13.8595, 15.1078, 13.9112



24.8878, 35.1276, 5.4686



1.6844, 2.3129, 0.3577



# Inverse Universe

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



52.0782, 51.4668, 72.8385



71.4602, 69.5741, 104.2705



56.1589, 53.5705, 73.0295



12.6125, 12.7584, 16.4500



8.4249, 3.4674, 39.9636

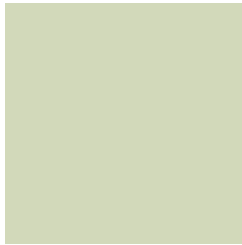


0.6210, 0.2634, 2.5926



# Previews

## White Background



This preview shows how the XYZ color 60.2541, 66.8725, 56.1863 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

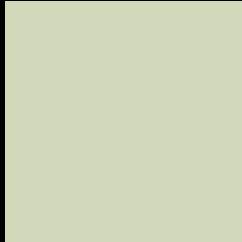
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2541, 66.8725, 56.1863 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

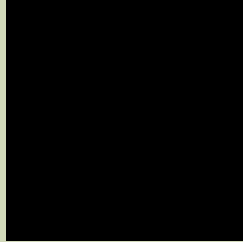
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

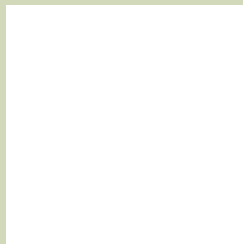
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 60.2541, 66.8725, 56.1863

## Background



This preview shows how black text looks on a background with the XYZ color 60.2541, 66.8725, 56.1863.



This preview shows how white text looks on a background with the XYZ color 60.2541, 66.8725,



# 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

60.2541, 66.8725, 56.1863

### Protanopia

63.1864, 66.8965, 54.9294

### Deuteranopia

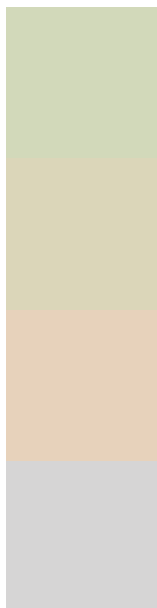
68.1106, 66.8281, 56.8863



## Tritanopia

65.6168, 66.7889, 82.8320

# Trichromacy



## Original Color

60.2541, 66.8725, 56.1863

## Protanomaly

62.0169, 66.6560, 55.4962

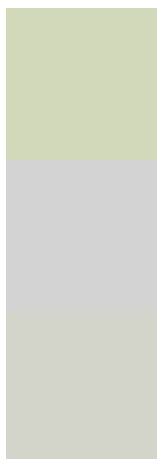
## Deuteranomaly

64.9712, 66.6700, 56.4579

## Tritanomaly

63.5360, 66.6887, 72.4743

# Monochromacy



## Original Color

60.2541, 66.8725, 56.1863

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.3189, 65.7017, 65.3270

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2541, 66.8725, 56.1863 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, 217, 186)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 186)  
}
```

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, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2541, 66.8725, 56.1863 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, 217, 186) }
```



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

```
.border{ border-color:rgb(210, 217, 186) }
```

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

Here you see how a box with a 4 pixel rgb(210, 217, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2541, 66.8725, 56.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 186) }
```

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

```
.background{ background-color: rgb(210,  
217, 186) }
```

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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