

# Converting Colors

XYZ(60.4888, 60.4814, 70.3794)

Have a look what the booklet for  
XYZ(60.4888, 60.4814, 70.3794)  
contains.

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# Color

**XYZ(60.4365, 60.4588,  
70.1124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7C8D3
RGB	215, 200, 211
RGB Percent	84%, 78%, 83%
CMY	0.1569, 0.2157, 0.1725
CMYK	0.00, 0.07, 0.02, 0.16
HSL	316°, 16%, 81%
HSV	316°, 7%, 84%
XYZ	60.4365, 60.4588, 70.1124
YIQ	205.7390, 5.4090, 6.6010

# Conversions

## Conversions Part 2

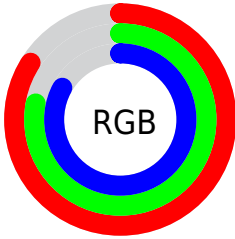
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 200, 211
Decimal	14141651
CIE Lab	82.09, 7.17, -3.59
CIE LCh	82, 8.016, 333.388
Yxy	60.4588, 0.3164, 0.3165
Android (android.graphics.Color)	4292331731 (0xFFD7C8D3)
YUV	205.7390, 2.5937, 8.1219
Hunter-Lab	77.7553, 2.6702, 0.9665

# Details

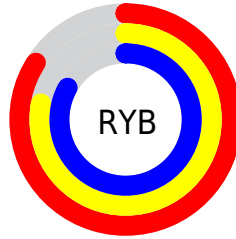
The XYZ color **60.4365, 60.4588, 70.1124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0213, 65.2415, 66.6121**, and the grayscale version is **58.4824, 61.5280, 67.0040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8619, 30.4657, 36.1522** is the 20% darker color. If you saturate the color by 10%, you get **55.0975, 50.9101, 64.8492**, and if you desaturate by 10%, it is **66.5049, 71.4234, 75.7468**.

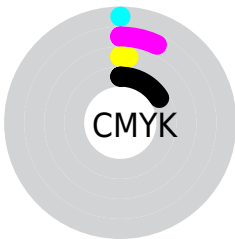
# Distribution



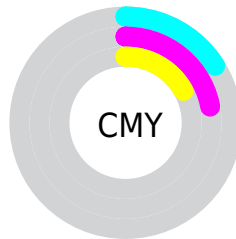
- Red (84%)
- Green (78%)
- Blue (83%)



- Red (84%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4365, 60.4588, 70.1124 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 60.4365, 60.4588, 70.1124 by changing the saturation by 10% instead.



■ 60.4365, 60.4588,  
70.1124

■ 60.4365, 60.4588,  
70.1124

416.0138,  
426.2868, 479.7443

■ 44.0214, 43.7885,  
51.1408

104.5654,  
105.4949, 121.0516

■ 30.8853, 30.5043,  
35.9432

133.0098,  
134.6296, 153.8564

■ 20.6629, 20.2217,  
24.1010

166.1947,  
168.6878, 192.1092

■ 12.9889, 12.5563,  
15.1956

204.4854,  
208.0541, 236.2288

■ 7.4978, 7.1237,  
8.8087

248.2474,  
253.1127, 286.6335

■ 3.8244, 3.5396,  
4.5215

297.8458,

■ 1.6033, 1.4195,

304.2481, 343.7420

1.9156

353.6462,  
361.8447, 407.9728

■ 0.3946, 0.2310,  
0.5026

■ 0.0000, 0.0000,  
0.0000

■ 60.4365, 60.4588,  
70.1124

■ 60.4365, 60.4588,  
70.1124

■ 55.0975, 50.9101,  
64.8492

■ 66.5049, 71.4234,  
75.7468

■ 50.4532, 42.7111,  
59.9421

■ 73.3250, 83.8509,  
81.7588

■ 46.4741, 35.8023,  
55.3806

■ 77.8169, 91.5801,  
87.1239

■ 43.1264, 30.1165,  
51.1522

■ 78.6275, 91.9044,  
91.3923

40.3731, 25.5802,  
47.2432

79.4647, 92.2393,  
95.8011

38.1735, 22.1124,  
43.6386

80.3288, 92.5849,  
100.3516

36.4814, 19.6212,  
40.3216

81.2201, 92.9414,  
105.0452

35.2428, 17.9991,  
37.2728

81.8347, 93.1873,  
108.2815

34.3871, 17.1052,  
34.4671

# Harmonies

## Analogous

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



59.2819, 60.4588, 73.9591



60.4365, 60.4588, 70.1124



60.7894, 60.4588, 65.2777

# Triad

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



60.4365, 60.4588, 70.1124



57.2713, 60.4588, 56.9196



54.7780, 60.4588, 71.1165

# Complementary

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



60.4365, 60.4588, 70.1124



59.0213, 65.2415, 66.6121

# 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.



54.2627, 60.4588, 66.3841



60.4365, 60.4588, 70.1124



55.6842, 60.4588, 58.3183

# Square

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



60.4365, 60.4588, 70.1124



58.9410, 60.4588, 57.8095



54.5911, 60.4588, 61.7244



56.0125, 60.4588, 74.5586



# Rectangle

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



60.4365, 60.4588, 70.1124



60.5169, 60.4588, 62.1828



54.5911, 60.4588, 61.7244



54.5161, 60.4588, 69.6157

# Sweetspot

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



60.4382, 60.4614, 70.1137



93.2263, 96.7018, 107.2154



57.8243, 59.0552, 72.6420



19.9734, 20.7327, 22.9663



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.



60.4382, 60.4614, 70.1137



88.0201, 87.3223, 102.2958



59.5199, 60.0941, 65.2778



12.8051, 12.5735, 14.9136



20.4814, 10.1289, 20.3712



1.2688, 0.6243, 1.4050



# Inverse Universe

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



60.4382, 60.4614, 70.1137



88.0201, 87.3223, 102.2958



59.9425, 65.6100, 71.4633



12.8051, 12.5735, 14.9136



20.4814, 10.1289, 20.3712

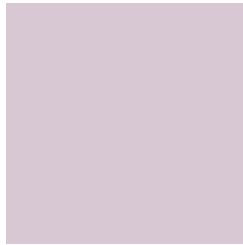


1.2688, 0.6243, 1.4050



# Previews

## White Background



This preview shows how the XYZ color 60.4365, 60.4588, 70.1124 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

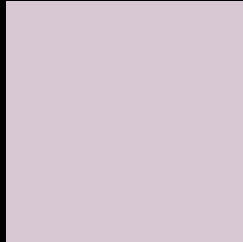
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.4365, 60.4588, 70.1124 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

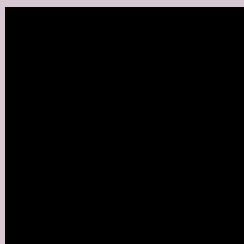
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

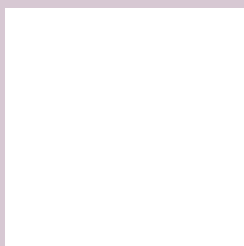
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.4365, 60.4588, 70.1124**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.4365, 60.4588, 70.1124.



This preview shows how white text looks on a background with the XYZ color 60.4365, 60.4588,



# 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

60.4365, 60.4588, 70.1124

### Protanopia

58.5430, 60.4951, 71.5420

### Deuteranopia

61.7707, 60.4635, 70.0430



## Tritanopia

61.0081, 60.3521, 72.7236

# Trichromacy



## Original Color

60.4365, 60.4588, 70.1124

## Protanomaly

59.2987, 60.5498, 70.8493

## Deuteranomaly

61.3947, 60.6101, 70.0911

## Tritanomaly

60.8799, 60.3008, 72.0488

# Monochromacy



## Original Color

60.4365, 60.4588, 70.1124

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

59.2725, 61.2951, 68.3816

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.4365, 60.4588, 70.1124 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(215, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 200, 211)  
}
```

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(215, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 200, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 60.4365, 60.4588, 70.1124 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".

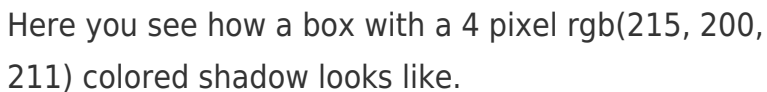
```
.border, #border, table{ border:4px solid rgb(215, 200, 211) }
```



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

```
.border{ border-color:rgb(215, 200, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 200, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(215, 200,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.4365, 60.4588, 70.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 200, 211) }
```

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

```
.background{ background-color: rgb(215,  
200, 211) }
```

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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