

Converting Colors

XYZ(64.8182, 67.9945, 73.8370)

Have a look what the booklet for
XYZ(64.8182, 67.9945, 73.8370)
contains.

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Color

**XYZ(64.8851, 68.1061,
74.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D7D7
RGB	216, 215, 215
RGB Percent	85%, 84%, 84%
CMY	0.1529, 0.1568, 0.1569
CMYK	0.00, 0.00, 0.00, 0.15
HSL	0°, 1%, 85%
HSV	0°, 0%, 85%
XYZ	64.8851, 68.1061, 74.0160
YIQ	215.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

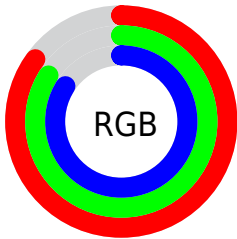
Format	Color
R _{YB}	216, 215, 215
Decimal	14211031
CIE Lab	86.06, 0.34, 0.11
CIE LCh	86, 0.362, 17.815
Yxy	68.1061, 0.3134, 0.3290
Android (android.graphics.Color)	4292401111 (0xFFD8D7D7)
YUV	215.2990, -0.1474, 0.6148
Hunter-Lab	82.5264, -4.0784, 4.5927

Details

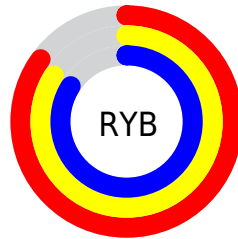
The XYZ color **64.8851, 68.1061, 74.0160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9750, 68.5159, 74.7671**, and the grayscale version is **64.7962, 68.1707, 74.2379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6139, 35.2567, 38.2913** is the 20% darker color. If you saturate the color by 10%, you get **57.1666, 56.8208, 58.6417**, and if you desaturate by 10%, it is **73.6950, 80.9858, 91.5637**.

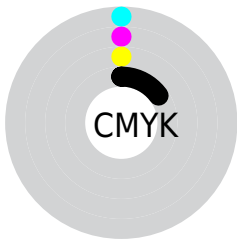
Distribution



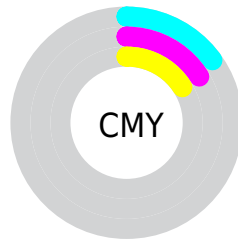
- Red (85%)
- Green (84%)
- Blue (84%)



- Red (85%)
- Yellow (84%)
- Blue (84%)



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



- Cyan (15%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8851, 68.1061, 74.0160 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 64.8851, 68.1061, 74.0160 by changing the saturation by 10% instead.

■ 64.8851, 68.1061,
74.0160

■ 64.8851, 68.1061,
74.0160

431.9307,
453.8718, 493.6935

■ 47.6323, 49.9841,
54.3103

110.9513,
116.5039, 126.6527

■ 33.7458, 35.4007,
38.4549

140.4953,
147.5485, 160.4208

■ 22.8604, 23.9717,
26.0314

174.8672,
183.6693, 199.7135

■ 14.6106, 15.3126,
16.6211

214.4322,
225.2509, 244.9491

■ 8.6311, 9.0391,
9.8057

259.5557,
272.6775, 296.5465

■ 4.5565, 4.7667,
5.1664

310.6030,

■ 2.0215, 2.1110,

326.3336, 354.9239

2.2848

367.9396,
386.6036, 420.5001

■ 0.6460, 0.6708,
0.7227

■ 0.0000, 0.0000,
0.0000

■ 64.8851, 68.1061,
74.0160

■ 64.8851, 68.1061,
74.0160

■ 57.1666, 56.8208,
58.6417

■ 73.6950, 80.9858,
91.5637

■ 50.4914, 47.0596,
45.3520

■ 82.1293, 93.3392,
108.2953

■ 44.8167, 38.7599,
34.0585

■ 40.0942, 31.8513,
24.6648

■ 36.2717, 26.2577,
17.0667

■ 33.2922, 21.8959,
11.1497

■ 31.0920, 18.6728,
6.7863

■ 29.5983, 16.4826,
3.8308

■ 28.7247, 15.1992,
2.1100

Harmonies

Analogous

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



64.8892, 68.1061, 74.2526



64.8851, 68.1061, 74.0160



64.8402, 68.1061, 73.8173

Triad

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



64.8851, 68.1061, 74.0160



64.6144, 68.1061, 73.8490



64.6991, 68.1061, 74.6043

Complementary

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



64.8851, 68.1061, 74.0160



64.9750, 68.5159, 74.7671

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.



64.6255, 68.1061, 74.4957



64.8851, 68.1061, 74.0160



64.5767, 68.1061, 74.0594

Square

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



64.8851, 68.1061, 74.0160



64.6839, 68.1061, 73.7210



64.5807, 68.1061, 74.2961



64.7817, 68.1061, 74.5926

Rectangle

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



64.8851, 68.1061, 74.0160



64.7932, 68.1061, 73.7329



64.5807, 68.1061, 74.2961



64.6725, 68.1061, 74.5807

Sweetspot

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



64.8870, 68.1090, 74.0175

95.0500, 100.0000, 108.9000



65.0150, 68.1588, 74.6960



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



64.8870, 68.1090, 74.0175



93.8369, 98.2264, 106.4836



65.0136, 68.3622, 74.0597



13.8359, 14.4880, 15.7108



16.7686, 8.6543, 0.7867



1.0127, 0.5246, 0.0479

Inverse Universe

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



64.9750, 68.5159, 74.7671



94.1151, 99.5137, 108.8554



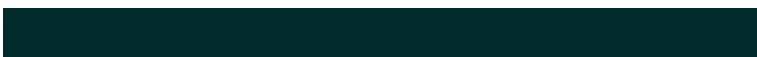
64.8480, 68.2619, 74.7248



13.8741, 14.6650, 16.0369



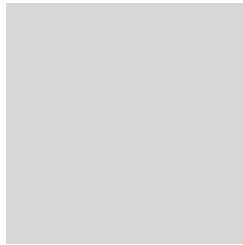
21.7560, 31.7738, 43.4395



1.3135, 1.9190, 2.6205

Previews

White Background



This preview shows how the XYZ color 64.8851, 68.1061, 74.0160 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 64.8851, 68.1061, 74.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

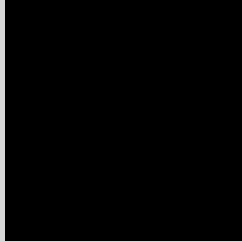
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

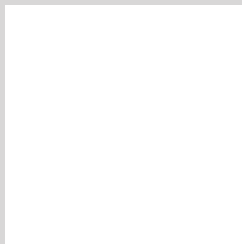
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8851, 68.1061, 74.0160

Background



This preview shows how black text looks on a background with the XYZ color 64.8851, 68.1061, 74.0160.

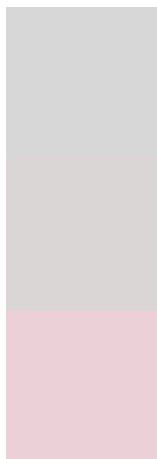


This preview shows how white text looks on a background with the XYZ color 64.8851, 68.1061, 74.0160.

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

64.8851, 68.1061, 74.0160

Protanopia

65.3976, 68.0082, 73.2984

Deuteranopia

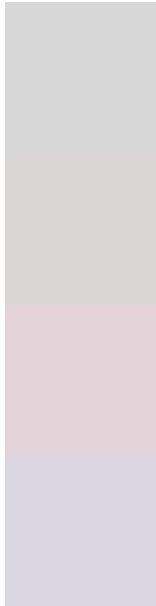
69.2115, 67.7318, 74.3914



Tritanopia

66.9906, 68.2071, 84.4974

Trichromacy



Original Color

64.8851, 68.1061, 74.0160

Protanomaly

65.0976, 67.8536, 73.2844

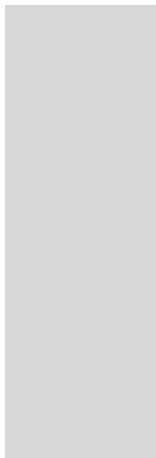
Deuteranomaly

67.6838, 68.0404, 74.5315

Tritanomaly

66.2524, 68.2811, 80.9219

Monochromacy



Original Color

64.8851, 68.1061, 74.0160

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5905, 67.9542, 74.0022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8851, 68.1061, 74.0160 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, 215, 215) looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 215)  
}
```

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, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.8851, 68.1061, 74.0160 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, 215, 215) }
```

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

```
.border{ border-color:rgb(216, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
215) }
```


Background

The CSS property to change the background color of an element to XYZ 64.8851, 68.1061, 74.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 215) }
```

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

```
.background{ background-color: rgb(216,  
215, 215) }
```

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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