

Converting Colors

XYZ(64.5146, 65.9744, 75.5426)

Have a look what the booklet for
XYZ(64.5146, 65.9744, 75.5426)
contains.

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Color

**XYZ(64.6149, 66.0606,
75.6751)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DAD2DA |
| RGB | 218, 210, 218 |
| RGB Percent | 85%, 82%, 85% |
| CMY | 0.1451, 0.1764, 0.1451 |
| CMYK | 0.00, 0.04, 0.00, 0.15 |
| HSL | 300°, 10%, 84% |
| HSV | 300°, 4%, 85% |
| XYZ | 64.6149, 66.0606, 75.6751 |
| YIQ | 213.3040, 2.2000, 4.1840 |

Conversions

Conversions Part 2

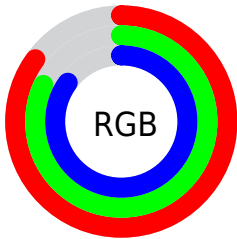
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 218, 210, 218 |
| Decimal | 14340826 |
| CIE Lab | 85.03, 4.18, -2.97 |
| CIE LCh | 85, 5.131, 324.588 |
| Yxy | 66.0606, 0.3131, 0.3201 |
| Android (android.graphics.Color) | 4292530906 (0xFFDAD2DA) |
| YUV | 213.3040, 2.3151, 4.1184 |
| Hunter-Lab | 81.2777, -0.3303, 1.6913 |

Details

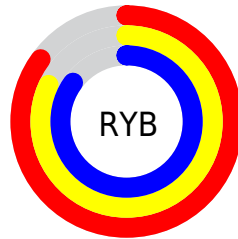
The XYZ color **64.6149, 66.0606, 75.6751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2852, 68.4994, 70.8624**, and the grayscale version is **63.4349, 66.7384, 72.6781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6036, 34.2078, 39.4820** is the 20% darker color. If you saturate the color by 10%, you get **59.5958, 56.0217, 74.0029**, and if you desaturate by 10%, it is **70.3710, 77.5715, 77.5945**.

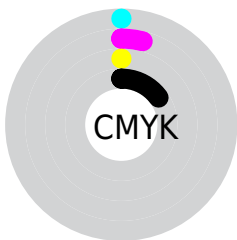
Distribution



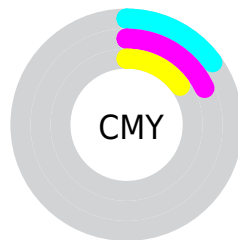
- Red (85%)
- Green (82%)
- Blue (85%)



- Red (85%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6149, 66.0606, 75.6751 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 64.6149, 66.0606, 75.6751 by changing the saturation by 10% instead.

■ 64.6149, 66.0606,
75.6751

■ 64.6149, 66.0606,
75.6751

430.9739,
446.5936, 499.5520

■ 47.4124, 48.3216,
55.6611

110.5648,
113.5733, 129.0234

■ 33.5711, 34.0816,
39.5291

140.0430,
144.1158, 163.1948

■ 22.7256, 22.9563,
26.8606

174.3437,
179.6949, 202.9223

■ 14.5106, 14.5613,
17.2370

213.8324,
220.6950, 248.6246

■ 8.5607, 8.5121,
10.2399

258.8744,
267.5006, 300.7202

■ 4.5106, 4.4243,
5.4506

309.8351,

■ 1.9949, 1.9136,

320.4959, 359.6276

2.4507

367.0798,
380.0654, 425.7653

■ 0.6311, 0.5566,
0.8138

■ 0.0000, 0.0000,
0.0000

■ 64.6149, 66.0606,
75.6751

■ 64.6149, 66.0606,
75.6751

■ 59.5958, 56.0217,
74.0029

■ 70.3710, 77.5715,
77.5945

■ 55.2784, 47.3874,
72.5639

■ 76.8861, 90.6014,
79.7662

■ 51.6334, 40.0976,
71.3489

■ 77.3295, 91.4880,
79.9139

■ 48.6268, 34.0847,
70.3468

■ 77.3297, 91.4881,
79.9139

46.2220, 29.2754,
69.5452

77.3299, 91.4882,
79.9140

44.3784, 25.5885,
68.9308

77.3301, 91.4883,
79.9140

43.0507, 22.9333,
68.4882

77.3303, 91.4884,
79.9140

42.1862, 21.2047,
68.2001

77.3305, 91.4885,
79.9140

41.7215, 20.2755,
68.0453

77.3307, 91.4886,
79.9140

Harmonies

Analogous

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



63.7166, 66.0606, 77.8648



64.6149, 66.0606, 75.6751



65.0242, 66.0606, 72.5299

Triad

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



64.6149, 66.0606, 75.6751



62.9982, 66.0606, 65.7846



60.7920, 66.0606, 74.6061

Complementary

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



64.6149, 66.0606, 75.6751



63.2852, 68.4994, 70.8624

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.



60.6049, 66.0606, 71.3310



64.6149, 66.0606, 75.6751



61.8696, 66.0606, 66.3023

Square

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



64.6149, 66.0606, 75.6751



64.0835, 66.0606, 66.8717



60.9971, 66.0606, 68.3082



61.5113, 66.0606, 77.2346

Rectangle

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



64.6149, 66.0606, 75.6751



64.9611, 66.0606, 70.3396



60.9971, 66.0606, 68.3082



60.6651, 66.0606, 73.5416

Sweetspot

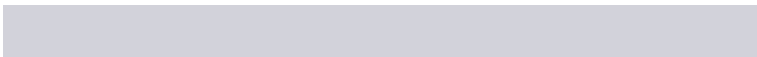
The Sweet Spot groups the original color and five complimentary colors.



64.6168, 66.0634, 75.6765



94.2419, 98.3838, 108.6306



62.3157, 64.9261, 75.5783



20.1802, 21.0752, 23.2543



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.



64.6168, 66.0634, 75.6765



91.8818, 93.6638, 107.8440



64.1168, 65.8635, 73.0435



14.1496, 14.3451, 16.6753



24.9026, 11.9619, 40.7348



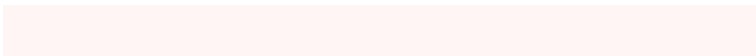
1.6133, 0.7750, 2.6390

Inverse Universe

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



63.5953, 65.6549, 70.2972



90.2829, 93.0242, 99.4235



63.7726, 68.6944, 73.4296



13.8614, 14.2299, 15.1575



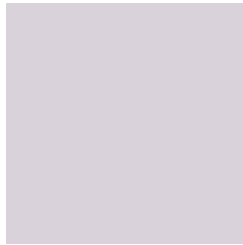
17.3222, 8.9299, 0.8108



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 64.6149, 66.0606, 75.6751 looks on a white background.

Color Contrast Check

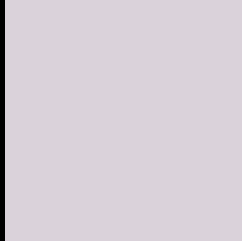
Large Text (above 18pt) WCAG AA × Fail

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 64.6149, 66.0606, 75.6751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

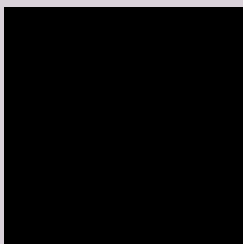
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

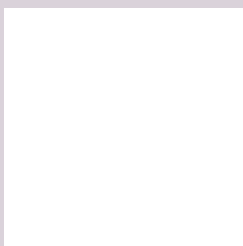
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6149, 66.0606, 75.6751

Background



This preview shows how black text looks on a background with the XYZ color 64.6149, 66.0606, 75.6751.



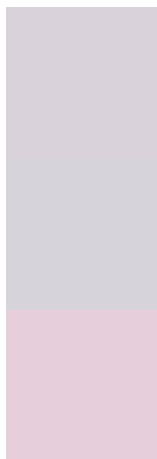
This preview shows how white text looks on a background with the XYZ color 64.6149, 66.0606,

75.6751.

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

64.6149, 66.0606, 75.6751

Protanopia

63.8120, 65.9991, 76.3937

Deuteranopia

67.4906, 66.0801, 76.2154



Tritanopia

65.6045, 66.0972, 80.5345

Trichromacy



Original Color

64.6149, 66.0606, 75.6751

Protanomaly

64.1048, 66.1501, 76.4074

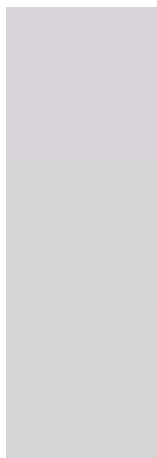
Deuteranomaly

66.4630, 65.9089, 76.2365

Tritanomaly

65.1987, 65.9349, 78.3976

Monochromacy



Original Color

64.6149, 66.0606, 75.6751

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8336, 66.4403, 73.7499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6149, 66.0606, 75.6751 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(218, 210, 218) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 218)  
}
```

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(218, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 218) }
```

Border

The CSS property to change the border of an element to XYZ 64.6149, 66.0606, 75.6751 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(218, 210, 218) }
```


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

```
.border{ border-color:rgb(218, 210, 218) }
```

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

Here you see how a box with a 4 pixel rgb(218, 210, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6149, 66.0606, 75.6751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 218) }
```

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

```
.background{ background-color: rgb(218,  
210, 218) }
```

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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