

Converting Colors

XYZ(64.6093, 61.7774, 76.9256)

Have a look what the booklet for
XYZ(64.6093, 61.7774, 76.9256)
contains.

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Color

**XYZ(64.6093, 61.7774,
76.9256)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C6DD
RGB	226, 198, 221
RGB Percent	89%, 78%, 87%
CMY	0.1137, 0.2235, 0.1333
CMYK	0.00, 0.12, 0.02, 0.11
HSL	311°, 33%, 83%
HSV	311°, 12%, 89%
XYZ	64.6093, 61.7774, 76.9256
YIQ	208.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

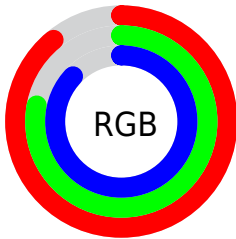
Format	Color
R_{YB}	226, 198, 221
Decimal	14862045
CIE _{Lab}	82.79, 13.79, -7.79
CIE _{LCh}	83, 15.841, 330.532
Yxy	61.7774, 0.3178, 0.3039
Android (android.graphics.Color)	4293052125 (0xFFE2C6DD)
YUV	208.9940, 5.9190, 14.9143
Hunter-Lab	78.5986, 9.1823, -3.0090

Details

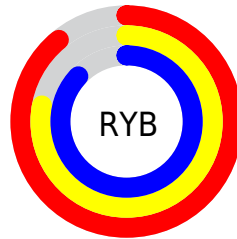
The XYZ color **64.6093, 61.7774, 76.9256** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.2670, 70.7121, 66.9230**, and the grayscale version is **60.5603, 63.7142, 69.3848**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6508, 31.3576, 40.3554** is the 20% darker color. If you saturate the color by 10%, you get **59.2933, 51.9948, 72.5327**, and if you desaturate by 10%, it is **70.7126, 73.1121, 81.6462**.

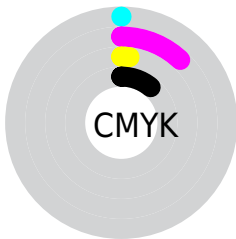
Distribution



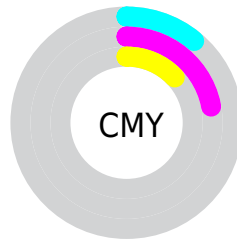
- Red (89%)
- Green (78%)
- Blue (87%)



- Red (89%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6093, 61.7774, 76.9256 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 64.6093, 61.7774, 76.9256 by changing the saturation by 10% instead.

64.6093, 61.7774,
76.9256

64.6093, 61.7774,
76.9256

430.9541,
431.1187, 503.9412

47.4079, 44.8529,
56.6806

110.5568,
107.4037, 130.8065

33.5675, 31.3415,
40.3412

140.0336,
136.8743, 165.2795

22.7229, 20.8591,
27.4889

174.3329,
171.2957, 205.3323

14.5086, 13.0210,
17.7051

213.8200,
211.0523, 251.3833

8.5593, 7.4430,
10.5712

258.8603,
256.5285, 303.8512

4.5096, 3.7407,
5.6688

309.8192,

1.9943, 1.5296,

308.1087, 363.1545

2.5792

367.0620,
366.1773, 429.7116

■ 0.6308, 0.3094,
0.8817

■ 0.0000, 0.0000,
0.0000

■ 64.6093, 61.7774,
76.9256

■ 64.6093, 61.7774,
76.9256

■ 59.2933, 51.9948,
72.5327

■ 70.7126, 73.1121,
81.6462

■ 54.7250, 43.6881,
68.4516

■ 77.6298, 86.0546,
86.7017

■ 50.8697, 36.7869,
64.6711

■ 81.8483, 93.5785,
90.9222

■ 47.6875, 31.2117,
61.1774

■ 82.4320, 93.8120,
93.9962

45.1347, 26.8753,
57.9556

83.0291, 94.0508,
97.1402

43.1624, 23.6797,
54.9888

83.6395, 94.2950,
100.3546

41.7141, 21.5124,
52.2577

84.2634, 94.5445,
103.6399

40.7220, 20.2378,
49.7394

84.9008, 94.7995,
106.9964

40.1889, 19.6988,
47.9367

85.1745, 94.9090,
108.4378

Harmonies

Analogous

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



62.1098, 61.7774, 84.7587



64.6093, 61.7774, 76.9256



65.5167, 61.7774, 67.0908

Triad

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



64.6093, 61.7774, 76.9256



58.6567, 61.7774, 50.1905



53.2524, 61.7774, 77.2564

Complementary

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



64.6093, 61.7774, 76.9256



61.2670, 70.7121, 66.9230

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.



52.4059, 61.7774, 67.4396



64.6093, 61.7774, 76.9256



55.4512, 61.7774, 52.3611

Square

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



64.6093, 61.7774, 76.9256



62.0004, 61.7774, 52.2136



53.1954, 61.7774, 58.4492



55.5527, 61.7774, 84.9623

Rectangle

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



64.6093, 61.7774, 76.9256



65.0702, 61.7774, 60.8954



53.1954, 61.7774, 58.4492



52.7924, 61.7774, 74.0642

Sweetspot

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



64.6111, 61.7801, 76.9269



91.5900, 93.5471, 106.3066



58.4621, 58.5320, 80.1691



19.4689, 19.7714, 22.6513



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.



64.6111, 61.7801, 76.9269



82.9579, 77.5447, 99.5394



62.8636, 61.0811, 67.7245



14.1845, 13.8914, 16.7416



22.9675, 11.2540, 27.5583



1.6198, 0.7912, 2.0568

Inverse Universe

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



64.6111, 61.7801, 76.9269



82.9579, 77.5447, 99.5394



62.9683, 71.3926, 75.8818



14.1845, 13.8914, 16.7416



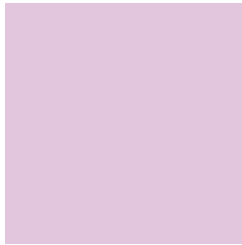
22.9675, 11.2540, 27.5583



1.6198, 0.7912, 2.0568

Previews

White Background



This preview shows how the XYZ color 64.6093, 61.7774, 76.9256 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 64.6093, 61.7774, 76.9256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

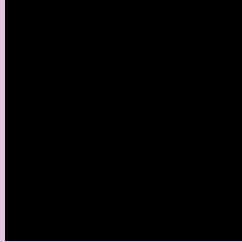
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6093, 61.7774, 76.9256

Background



This preview shows how black text looks on a background with the XYZ color 64.6093, 61.7774, 76.9256.



This preview shows how white text looks on a background with the XYZ color 64.6093, 61.7774,

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

64.6093, 61.7774, 76.9256

Protanopia

60.3238, 61.9363, 80.0097

Deuteranopia

63.2206, 61.7447, 76.9924



Tritanopia

63.7405, 61.7607, 72.8515

Trichromacy



Original Color

64.6093, 61.7774, 76.9256

Protanomaly

61.7265, 61.6199, 79.1615

Deuteranomaly

63.5988, 61.5969, 76.9440

Tritanomaly

63.9991, 61.8642, 74.2135

Monochromacy



Original Color

64.6093, 61.7774, 76.9256

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.8659, 62.9138, 71.8337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6093, 61.7774, 76.9256 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(226, 198, 221)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 221)  
}
```

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(226, 198, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 221) }
```

Border

The CSS property to change the border of an element to XYZ 64.6093, 61.7774, 76.9256 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(226, 198, 221) }
```


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

```
.border{ border-color:rgb(226, 198, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 198, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 198, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 198,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6093, 61.7774, 76.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 221) }
```

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

```
.background{ background-color: rgb(226,  
198, 221) }
```

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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