

Converting Colors

XYZ(65.0758, 61.8931, 82.6484)

Have a look what the booklet for
XYZ(65.0758, 61.8931, 82.6484)
contains.

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Color

**XYZ(65.0774, 61.8926,
82.6453)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E0C6E5 |
| RGB | 224, 198, 229 |
| RGB Percent | 88%, 78%, 90% |
| CMY | 0.1216, 0.2235, 0.1020 |
| CMYK | 0.02, 0.14, 0.00, 0.10 |
| HSL | 290°, 37%, 84% |
| HSV | 290°, 14%, 90% |
| XYZ | 65.0774, 61.8926, 82.6453 |
| YIQ | 209.3080, 5.5450, 15.1530 |

Conversions

Conversions Part 2

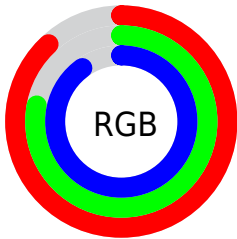
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 224, 198, 229 |
| Decimal | 14730981 |
| CIE _{Lab} | 82.86, 14.59, -12.00 |
| CIE _{LCh} | 83, 18.886, 320.564 |
| Yxy | 61.8926, 0.3105, 0.2953 |
| Android (android.graphics.Color) | 4292921061 (0xFFE0C6E5) |
| YUV | 209.3080, 9.7082, 12.8849 |
| Hunter-Lab | 78.6719, 9.9796, -7.2142 |

Details

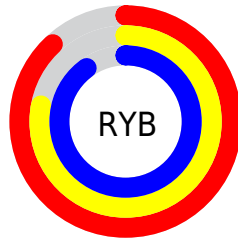
The XYZ color **65.0774, 61.8926, 82.6453** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.8433, 72.8140, 64.1715**, and the grayscale version is **60.7430, 63.9064, 69.5940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9754, 31.4375, 44.3217** is the 20% darker color. If you saturate the color by 10%, you get **59.1019, 51.6217, 80.9787**, and if you desaturate by 10%, it is **71.8728, 73.7643, 84.5795**.

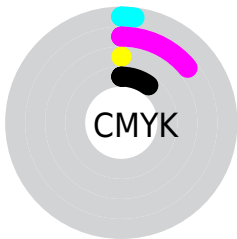
Distribution



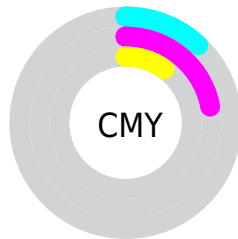
- Red (88%)
- Green (78%)
- Blue (90%)



- Red (88%)
- Yellow (78%)
- Blue (90%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0774, 61.8926, 82.6453 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 65.0774, 61.8926, 82.6453 by changing the saturation by 10% instead.

65.0774, 61.8926,
82.6453

65.0774, 61.8926,
82.6453

432.6109,
431.5392, 523.7436

47.7888, 44.9459,
61.3587

111.2262,
107.5703, 138.9234

33.8702, 31.4148,
44.0823

140.8171,
137.0701, 174.7519

22.9563, 20.9149,
30.3975

175.2395,
171.5231, 216.2647

14.6818, 13.0618,
19.8859

214.8587,
211.3136, 263.8805

8.6812, 7.4711,
12.1289

260.0401,
256.8261, 318.0178

4.5893, 3.7585,
6.7079

311.1490,

2.0406, 1.5394,

308.4449, 379.0950

3.2044

368.5508,
366.5545, 447.5308

■ 0.6566, 0.3162,
1.1999

■ 0.0000, 0.0000,
0.0000

■ 65.0774, 61.8926,
82.6453

■ 65.0774, 61.8926,
82.6453

■ 59.1019, 51.6217,
80.9787

■ 71.8728, 73.7643,
84.5795

■ 53.9052, 42.8728,
79.5639

■ 79.5160, 87.2953,
86.7884

■ 49.4508, 35.5723,
78.3895

■ 84.1914, 94.8535,
88.0009

■ 45.6974, 29.6372,
77.4417

■ 85.4244, 95.4891,
88.0586

42.5989, 24.9762,
76.7054

86.6828, 96.1379,
88.1175

40.1041, 21.4866,
76.1633

87.9669, 96.7999,
88.1776

38.1535, 19.0500,
75.7958

89.2767, 97.4751,
88.2389

36.6751, 17.5224,
75.5789

90.6125, 98.1637,
88.3014

35.8971, 16.8719,
75.4943

91.1430, 98.4372,
88.3262

Harmonies

Analogous

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



61.6176, 61.8926, 90.6158



65.0774, 61.8926, 82.6453



66.8855, 61.8926, 71.1302

Triad

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



65.0774, 61.8926, 82.6453



60.1188, 61.8926, 47.6196



51.8032, 61.8926, 75.5694

Complementary

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



65.0774, 61.8926, 82.6453



62.8433, 72.8140, 64.1715

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.



51.4434, 61.8926, 63.7843



65.0774, 61.8926, 82.6453



56.1221, 61.8926, 48.5171

Square

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



65.0774, 61.8926, 82.6453



63.9369, 61.8926, 51.5274



52.9903, 61.8926, 54.1388



53.9970, 61.8926, 86.2149

Rectangle

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



65.0774, 61.8926, 82.6453



66.8563, 61.8926, 63.3664



52.9903, 61.8926, 54.1388



51.4678, 61.8926, 71.5815

Sweetspot

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



65.0792, 61.8953, 82.6466



91.2792, 93.3531, 107.8158



58.8295, 60.4564, 82.6983



19.3899, 19.7221, 23.0347



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.



65.0792, 61.8953, 82.6466



81.0073, 75.4475, 104.9010



65.2514, 62.1458, 75.3460



14.7549, 14.4914, 18.1638



20.6101, 9.6908, 43.1674



1.5843, 0.7477, 3.1928

Inverse Universe

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



63.2889, 61.3608, 65.0111



78.3592, 74.6632, 78.5353



62.7364, 72.6165, 70.6021



14.4713, 14.4057, 15.4164



18.6943, 9.6119, 2.0190



1.4103, 0.7218, 0.3012

Previews

White Background



This preview shows how the XYZ color 65.0774, 61.8926, 82.6453 looks on a white background.

Color Contrast Check

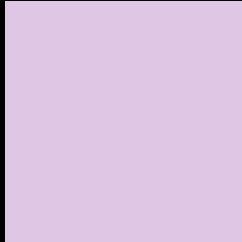
Large Text (above 18pt) WCAG AA × Fail

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 65.0774, 61.8926, 82.6453 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 65.0774, 61.8926, 82.6453

Background



This preview shows how black text looks on a background with the XYZ color 65.0774, 61.8926, 82.6453.



This preview shows how white text looks on a background with the XYZ color 65.0774, 61.8926,

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

65.0774, 61.8926, 82.6453

Protanopia

60.8964, 62.1024, 85.8682

Deuteranopia

63.2091, 61.9737, 82.0294



Tritanopia

63.1731, 61.7960, 73.5640

Trichromacy



Original Color

65.0774, 61.8926, 82.6453

Protanomaly

62.2644, 61.7689, 84.9848

Deuteranomaly

63.8713, 61.9701, 81.9938

Tritanomaly

63.9060, 61.7553, 76.9584

Monochromacy



Original Color

65.0774, 61.8926, 82.6453

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.9575, 62.9167, 73.8444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0774, 61.8926, 82.6453 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(224, 198, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 198, 229)  
}
```

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(224, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 198, 229) }
```

Border

The CSS property to change the border of an element to XYZ 65.0774, 61.8926, 82.6453 is called "border". The border property can be set on classes, ids or directly on the HTML element.

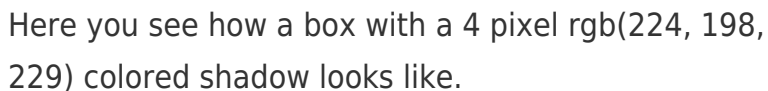
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 198, 229) }
```


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

```
.border{ border-color:rgb(224, 198, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 198, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 198, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 198, 229); box-shadow:4px 4px 4px 4px rgb(224, 198, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0774, 61.8926, 82.6453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 198, 229) }
```

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

```
.background{ background-color: rgb(224,  
198, 229) }
```

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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