

Converting Colors

XYZ(65.3773, 65.0632, 78.0398)

Have a look what the booklet for
XYZ(65.3773, 65.0632, 78.0398)
contains.

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Color

**XYZ(65.3803, 64.9461,
78.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEDE
RGB	222, 206, 222
RGB Percent	87%, 81%, 87%
CMY	0.1294, 0.1921, 0.1294
CMYK	0.00, 0.07, 0.00, 0.13
HSL	300°, 20%, 84%
HSV	300°, 7%, 87%
XYZ	65.3803, 64.9461, 78.1972
YIQ	212.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

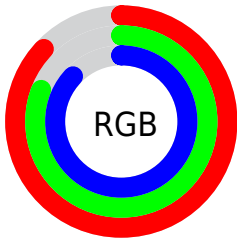
Format	Color
R _Y B	222, 206, 222
Decimal	14601950
CIE Lab	84.46, 8.37, -5.90
CIE LCh	84, 10.246, 324.810
Yxy	64.9461, 0.3135, 0.3115
Android (android.graphics.Color)	4292792030 (0xFFDECEDE)
YUV	212.6080, 4.6303, 8.2368
Hunter-Lab	80.5891, 3.7823, -1.1178

Details

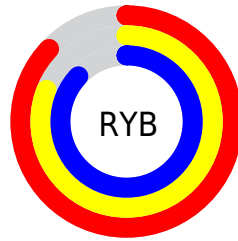
The XYZ color **65.3803, 64.9461, 78.1972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7179, 69.8223, 68.5673**, and the grayscale version is **62.9537, 66.2322, 72.1268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1396, 33.4620, 41.2187** is the 20% darker color. If you saturate the color by 10%, you get **60.4096, 55.0038, 76.5411**, and if you desaturate by 10%, it is **71.1096, 76.4036, 80.1077**.

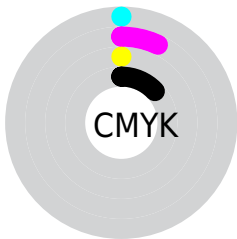
Distribution



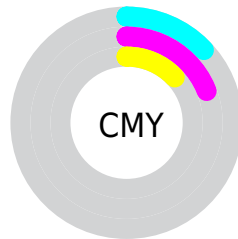
- Red (87%)
- Green (81%)
- Blue (87%)



- Red (87%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3803, 64.9461, 78.1972 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 65.3803, 64.9461, 78.1972 by changing the saturation by 10% instead.

65.3803, 64.9461,
78.1972

65.3803, 64.9461,
78.1972

433.6810,
442.5983, 508.3819

48.0354, 47.4174,
57.7186

111.6591,
111.9724, 132.6165

34.0663, 33.3657,
41.1692

141.3237,
142.2387, 167.3942

23.1076, 22.4068,
28.1307

175.8255,
177.5197, 207.7754

14.7941, 14.1561,
18.1843

215.5300,
218.1997, 254.1786

8.7604, 8.2293,
10.9116

260.8024,
264.6632, 307.0223

4.6411, 4.2420,
5.8940

312.0081,

2.0708, 1.8099,

317.2945, 366.7250

2.7130

369.5125,
376.4781, 433.7054

■ 0.6733, 0.4933,
0.9499

■ 0.0000, 0.0000,
0.0000

■ 65.3803, 64.9461,
78.1972

■ 65.3803, 64.9461,
78.1972

■ 60.4096, 55.0038,
76.5411

■ 71.1096, 76.4036,
80.1077

■ 56.1605, 46.5055,
75.1247

■ 77.6214, 89.4273,
82.2784

■ 52.6010, 39.3865,
73.9382

■ 79.0697, 92.3238,
82.7611

■ 49.6948, 33.5741,
72.9694

■ 79.0697, 92.3238,
82.7612

47.4022, 28.9890,
72.2052

79.0697, 92.3238,
82.7612

45.6793, 25.5432,
71.6309

79.0697, 92.3238,
82.7612

44.4762, 23.1370,
71.2298

79.0697, 92.3238,
82.7612

43.7345, 21.6536,
70.9826

79.0697, 92.3238,
82.7612

43.3770, 20.9385,
70.8634

79.0697, 92.3238,
82.7612

Harmonies

Analogous

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



63.5864, 64.9461, 82.7298



65.3803, 64.9461, 78.1972



66.1972, 64.9461, 71.8567

Triad

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



65.3803, 64.9461, 78.1972



62.1266, 64.9461, 58.9385



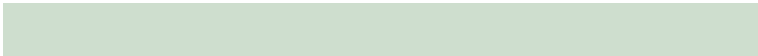
57.8364, 64.9461, 76.1132

Complementary

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



65.3803, 64.9461, 78.1972



62.7179, 69.8223, 68.5673

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.



57.4672, 64.9461, 69.5860



65.3803, 64.9461, 78.1972



59.9087, 64.9461, 59.9242

Square

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



65.3803, 64.9461, 78.1972



64.2893, 64.9461, 60.9466



58.2169, 64.9461, 63.7265



59.2382, 64.9461, 81.4756

Rectangle

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



65.3803, 64.9461, 78.1972



66.0635, 64.9461, 67.5556



58.2169, 64.9461, 63.7265



57.5889, 64.9461, 73.9720

Sweetspot

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



65.3822, 64.9489, 78.1986



93.4445, 96.7891, 108.3648



60.7126, 62.5416, 77.9801



20.0178, 20.7505, 23.2001



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.



65.3822, 64.9489, 78.1986



88.1607, 86.2214, 106.6035



64.3352, 64.5301, 72.6852



14.2951, 13.9357, 17.3241



25.7247, 12.3569, 42.0775



1.7831, 0.8565, 2.9166

Inverse Universe

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



65.3822, 64.9489, 78.1986



88.1607, 86.2214, 106.6035



63.7147, 70.2211, 73.8164



14.2951, 13.9357, 17.3241



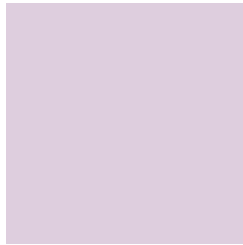
25.7247, 12.3569, 42.0775



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 65.3803, 64.9461, 78.1972 looks on a white background.

Color Contrast Check

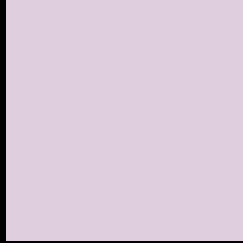
Large Text (above 18pt) WCAG AA × Fail

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 65.3803, 64.9461, 78.1972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

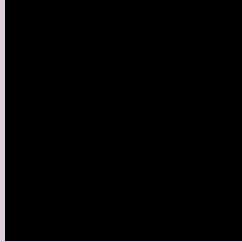
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3803, 64.9461, 78.1972

Background



This preview shows how black text looks on a background with the XYZ color 65.3803, 64.9461, 78.1972.

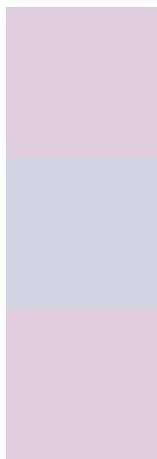


This preview shows how white text looks on a background with the XYZ color 65.3803, 64.9461,

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

65.3803, 64.9461, 78.1972

Protanopia

63.3651, 65.3239, 79.7901

Deuteranopia

66.3802, 65.1053, 78.1752



Tritanopia

65.3803, 64.9461, 78.1972

Trichromacy



Original Color

65.3803, 64.9461, 78.1972

Protanomaly

64.1441, 65.3757, 79.0501

Deuteranomaly

66.0675, 64.9441, 78.1606

Tritanomaly

65.3803, 64.9461, 78.1972

Monochromacy



Original Color

65.3803, 64.9461, 78.1972

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7602, 65.6500, 74.2769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3803, 64.9461, 78.1972 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(222, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 222)  
}
```

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(222, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.3803, 64.9461, 78.1972 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(222, 206, 222) }
```


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

```
.border{ border-color:rgb(222, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 206, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 206, 222); box-shadow:4px 4px 4px 4px rgb(222, 206, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3803, 64.9461, 78.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 222) }
```

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

```
.background{ background-color: rgb(222,  
206, 222) }
```

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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