

Converting Colors

XYZ(65.1066, 63.7276, 78.6812)

Have a look what the booklet for
XYZ(65.1066, 63.7276, 78.6812)
contains.

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Color

**XYZ(65.1066, 63.7276,
78.6812)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DFCBDF |
| RGB | 223, 203, 223 |
| RGB Percent | 87%, 80%, 87% |
| CMY | 0.1255, 0.2039, 0.1255 |
| CMYK | 0.00, 0.09, 0.00, 0.13 |
| HSL | 300°, 24%, 84% |
| HSV | 300°, 9%, 87% |
| XYZ | 65.1066, 63.7276, 78.6812 |
| YIQ | 211.2600, 5.5000, 10.4600 |

Conversions

Conversions Part 2

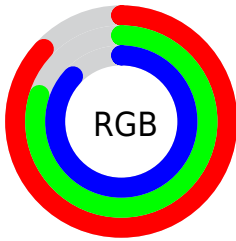
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 223, 203, 223 |
| Decimal | 14666719 |
| CIE _{Lab} | 83.82, 10.48, -7.36 |
| CIE _{LCh} | 84, 12.810, 324.912 |
| Yxy | 63.7276, 0.3137, 0.3071 |
| Android (android.graphics.Color) | 4292856799 (0xFFDFCBDF) |
| YUV | 211.2600, 5.7878, 10.2960 |
| Hunter-Lab | 79.8296, 5.8775, -2.5564 |

Details

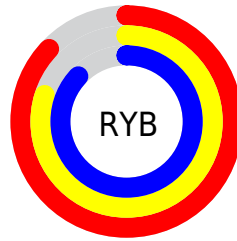
The XYZ color **65.1066, 63.7276, 78.6812** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7983, 69.7854, 66.7161**, and the grayscale version is **62.0507, 65.2822, 71.0923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9638, 32.6469, 41.5572** is the 20% darker color. If you saturate the color by 10%, you get **60.2152, 53.9439, 77.0515**, and if you desaturate by 10%, it is **70.7592, 75.0317, 80.5661**.

Distribution



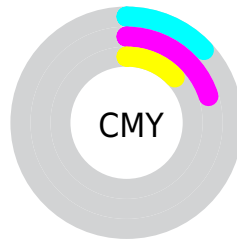
- Red (87%)
- Green (80%)
- Blue (87%)



- Red (87%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1066, 63.7276, 78.6812 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 65.1066, 63.7276, 78.6812 by changing the saturation by 10% instead.

65.1066, 63.7276,
78.6812

65.1066, 63.7276,
78.6812

432.7141,
438.2053, 510.0663

47.8125, 46.4301,
58.1140

111.2680,
110.2185, 133.3046

33.8891, 32.5853,
41.4850

140.8660,
140.1808, 168.1977

22.9709, 21.8090,
28.3757

175.2960,
175.1333, 208.7033

14.6926, 13.7166,
18.3675

214.9234,
215.4606, 255.2399

8.6888, 7.9238,
11.0420

260.1136,
261.5471, 308.2259

4.5943, 4.0462,
5.9806

311.2319,

2.0435, 1.6995,

313.7771, 368.0800

2.7647

368.6436,
372.5350, 435.2206

■ 0.6582, 0.4233,
0.9758

■ 0.0000, 0.0000,
0.0000

■ 65.1066, 63.7276,
78.6812

■ 65.1066, 63.7276,
78.6812

■ 60.2152, 53.9439,
77.0515

■ 70.7592, 75.0317,
80.5661

■ 56.0472, 45.6081,
75.6622

■ 77.1976, 87.9085,
82.7123

■ 52.5701, 38.6538,
74.5032

■ 79.5114, 92.5360,
83.4835

■ 49.7464, 33.0065,
73.5619

■ 79.5114, 92.5360,
83.4835

47.5354, 28.5846,
72.8250

79.5115, 92.5361,
83.4835

45.8917, 25.2973,
72.2771

79.5115, 92.5361,
83.4835

44.7636, 23.0412,
71.9011

79.5116, 92.5361,
83.4835

44.0901, 21.6942,
71.6766

79.5116, 92.5361,
83.4835

43.7758, 21.0658,
71.5718

79.5117, 92.5362,
83.4835

Harmonies

Analogous

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



62.8786, 63.7276, 84.4103



65.1066, 63.7276, 78.6812



66.1211, 63.7276, 70.7717

Triad

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



65.1066, 63.7276, 78.6812



61.0522, 63.7276, 55.0720



55.7960, 63.7276, 76.1214

Complementary

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



65.1066, 63.7276, 78.6812



61.7983, 69.7854, 66.7161

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.



55.3408, 63.7276, 68.0235



65.1066, 63.7276, 78.6812



58.3209, 63.7276, 56.2638

Square

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



65.1066, 63.7276, 78.6812



63.7345, 63.7276, 57.4672



56.2514, 63.7276, 60.8579



57.5143, 63.7276, 82.8541

Rectangle

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



65.1066, 63.7276, 78.6812



65.9507, 63.7276, 65.4775



56.2514, 63.7276, 60.8579



55.4925, 63.7276, 73.4523

Sweetspot

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



65.1085, 63.7304, 78.6826



92.6579, 95.2158, 108.1026



59.3855, 60.8970, 78.4373



19.6992, 20.1134, 23.0940



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.



65.1085, 63.7304, 78.6826



86.7453, 83.3908, 106.1318



63.8421, 63.2238, 72.0136



14.2951, 13.9357, 17.3241



25.7244, 12.3568, 42.0776



1.7831, 0.8565, 2.9166

Inverse Universe

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



62.5692, 62.7146, 65.3107



82.5537, 81.7141, 84.0584



62.9865, 70.2607, 72.9734



13.7073, 13.7006, 14.2288



17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 65.1066, 63.7276, 78.6812 looks on a white background.

Color Contrast Check

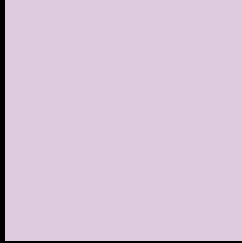
Large Text (above 18pt) WCAG AA × Fail

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 65.1066, 63.7276, 78.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

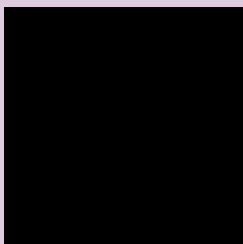
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1066, 63.7276, 78.6812

Background



This preview shows how black text looks on a background with the XYZ color 65.1066, 63.7276, 78.6812.



This preview shows how white text looks on a background with the XYZ color 65.1066, 63.7276,

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

65.1066, 63.7276, 78.6812

Protanopia

62.2958, 64.0126, 81.0238

Deuteranopia

65.1066, 63.7276, 78.6812



Tritanopia

64.6353, 63.8826, 76.6341

Trichromacy



Original Color

65.1066, 63.7276, 78.6812

Protanomaly

63.1025, 63.7250, 80.2085

Deuteranomaly

65.1066, 63.7276, 78.6812

Tritanomaly

64.7682, 63.9358, 77.3338

Monochromacy



Original Color

65.1066, 63.7276, 78.6812

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.8459, 64.4651, 73.4207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1066, 63.7276, 78.6812 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(223, 203, 223)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 223)  
}
```

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(223, 203, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.1066, 63.7276, 78.6812 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(223, 203, 223) }
```


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

```
.border{ border-color:rgb(223, 203, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1066, 63.7276, 78.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 223) }
```

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

```
.background{ background-color: rgb(223,  
203, 223) }
```

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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