

Converting Colors

XYZ(64.6353, 63.8826, 76.6341)

Have a look what the booklet for
XYZ(64.6353, 63.8826, 76.6341)
contains.

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Color

**XYZ(64.6353, 63.8826,
76.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	DECCDC
RGB	222, 204, 220
RGB Percent	87%, 80%, 86%
CMY	0.1294, 0.2000, 0.1372
CMYK	0.00, 0.08, 0.01, 0.13
HSL	307°, 21%, 84%
HSV	307°, 8%, 87%
XYZ	64.6353, 63.8826, 76.6341
YIQ	211.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

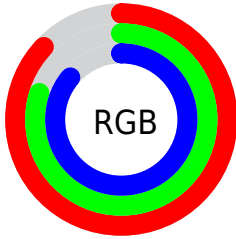
Format	Color
R _Y B	222, 204, 220
Decimal	14601436
CIE Lab	83.90, 9.07, -5.65
CIE LCh	84, 10.686, 328.054
Yxy	63.8826, 0.3151, 0.3114
Android (android.graphics.Color)	4292791516 (0xFFDECCDC)
YUV	211.2060, 4.3354, 9.4663
Hunter-Lab	79.9266, 4.4784, -0.8990

Details

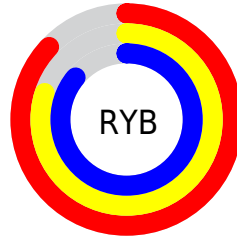
The XYZ color **64.6353, 63.8826, 76.6341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1661, 69.5378, 68.5414**, and the grayscale version is **62.0242, 65.2543, 71.0619**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6342, 32.7448, 40.1450** is the 20% darker color. If you saturate the color by 10%, you get **59.4067, 53.9435, 73.2917**, and if you desaturate by 10%, it is **70.6245, 75.3333, 80.2554**.

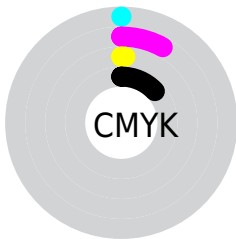
Distribution



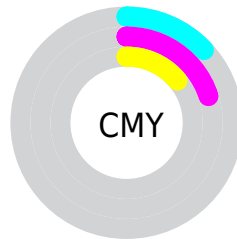
- Red (87%)
- Green (80%)
- Blue (86%)



- Red (87%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6353, 63.8826, 76.6341 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 64.6353, 63.8826, 76.6341 by changing the saturation by 10% instead.

64.6353, 63.8826,
76.6341

64.6353, 63.8826,
76.6341

431.0462,
438.7656, 502.9201

47.4290, 46.5556,
56.4428

110.5940,
110.4418, 130.3911

33.5843, 32.6845,
40.1517

140.0771,
140.4429, 164.7940

22.7358, 21.8848,
27.3422

174.3832,
175.4374, 204.7712

14.5182, 13.7723,
17.5957

213.8777,
215.8097, 250.7411

8.5660, 7.9625,
10.4937

258.9259,
261.9443, 303.1225

4.5141, 4.0709,
5.6176

309.8931,

1.9969, 1.7133,

314.2256, 362.3337

2.5490

367.1448,
373.0378, 428.7934

■ 0.6322, 0.4323,
0.8660

■ 0.0000, 0.0000,
0.0000

■ 64.6353, 63.8826,
76.6341

■ 64.6353, 63.8826,
76.6341

■ 59.4067, 53.9435,
73.2917

■ 70.6245, 75.3333,
80.2554

■ 54.9014, 45.4444,
70.2133

■ 77.3986, 88.3469,
84.1614

■ 51.0874, 38.3202,
67.3889

■ 79.8054, 92.6181,
86.6357

■ 47.9281, 32.4978,
64.8063

■ 80.1493, 92.7557,
88.4464

45.3834, 27.8969,
62.4519

80.4980, 92.8952,
90.2830

43.4089, 24.4288,
60.3108

80.8517, 93.0366,
92.1455

41.9540, 21.9925,
58.3661

81.2103, 93.1801,
94.0340

40.9593, 20.4691,
56.5980

81.5739, 93.3255,
95.9486

40.3399, 19.6889,
54.9778

81.9425, 93.4730,
97.8895

Harmonies

Analogous

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



62.8692, 63.8826, 81.6183



64.6353, 63.8826, 76.6341



65.3489, 63.8826, 69.9978

Triad

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



64.6353, 63.8826, 76.6341



60.8721, 63.8826, 57.4052



56.8162, 63.8826, 75.8248

Complementary

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



64.6353, 63.8826, 76.6341



62.1661, 69.5378, 68.5414

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.



56.3122, 63.8826, 69.1186



64.6353, 63.8826, 76.6341



58.6174, 63.8826, 58.7472

Square

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



64.6353, 63.8826, 76.6341



63.1417, 63.8826, 59.1408



56.9632, 63.8826, 62.9301



58.3581, 63.8826, 81.1302

Rectangle

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



64.6353, 63.8826, 76.6341



65.1182, 63.8826, 65.6221



56.9632, 63.8826, 62.9301



56.5216, 63.8826, 73.6468

Sweetspot

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



64.6371, 63.8854, 76.6355



93.3534, 96.7526, 107.8850



60.1785, 61.5561, 77.8179



19.9992, 20.7430, 23.1025



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.



64.6371, 63.8854, 76.6355



86.9949, 84.6145, 103.9807



63.5021, 63.4314, 70.6585



14.2260, 13.9080, 16.9601



23.9276, 11.6380, 32.6141



1.6775, 0.8143, 2.3606

Inverse Universe

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



64.6371, 63.8854, 76.6355



86.9949, 84.6145, 103.9807



63.2653, 69.9775, 74.3298



14.2260, 13.9080, 16.9601



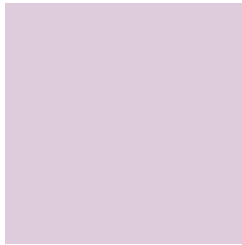
23.9276, 11.6380, 32.6141



1.6775, 0.8143, 2.3606

Previews

White Background



This preview shows how the XYZ color 64.6353, 63.8826, 76.6341 looks on a white background.

Color Contrast Check

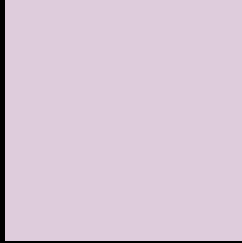
Large Text (above 18pt) WCAG AA × Fail

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 64.6353, 63.8826, 76.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

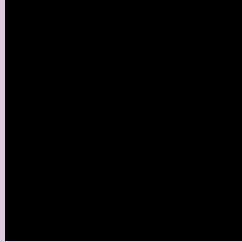
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6353, 63.8826, 76.6341

Background



This preview shows how black text looks on a background with the XYZ color 64.6353, 63.8826, 76.6341.

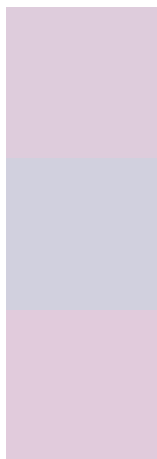


This preview shows how white text looks on a background with the XYZ color 64.6353, 63.8826,

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

64.6353, 63.8826, 76.6341

Protanopia

62.0352, 63.9410, 78.1795

Deuteranopia

65.3255, 63.8867, 76.5985



Tritanopia

64.6353, 63.8826, 76.6341

Trichromacy



Original Color

64.6353, 63.8826, 76.6341

Protanomaly

63.0955, 64.1422, 77.4618

Deuteranomaly

65.0147, 63.7265, 76.5839

Tritanomaly

64.6353, 63.8826, 76.6341

Monochromacy



Original Color

64.6353, 63.8826, 76.6341

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.7178, 64.4139, 72.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6353, 63.8826, 76.6341 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, 204, 220) looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 220)  
}
```

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, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.6353, 63.8826, 76.6341 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, 204, 220) }
```


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

```
.border{ border-color:rgb(222, 204, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6353, 63.8826, 76.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 220) }
```

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

```
.background{ background-color: rgb(222,  
204, 220) }
```

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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