

Converting Colors

XYZ(66.0455, 64.7594, 80.3315)

Have a look what the booklet for
XYZ(66.0455, 64.7594, 80.3315)
contains.

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Color

**XYZ(66.1624, 64.9462,
80.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CDE1
RGB	224, 205, 225
RGB Percent	88%, 80%, 88%
CMY	0.1216, 0.1961, 0.1176
CMYK	0.00, 0.09, 0.00, 0.12
HSL	297°, 25%, 84%
HSV	297°, 9%, 88%
XYZ	66.1624, 64.9462, 80.2829
YIQ	212.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

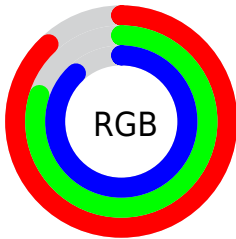
Format	Color
RYB	224, 205, 225
Decimal	14732769
CIELab	84.46, 10.13, -7.48
CIELCh	84, 12.591, 323.536
Yxy	64.9462, 0.3130, 0.3072
Android (android.graphics.Color)	4292922849 (0xFFE0CDE1)
YUV	212.9610, 5.9352, 9.6812
Hunter-Lab	80.5892, 5.5144, -2.6522

Details

The XYZ color **66.1624, 64.9462, 80.2829** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4007, 71.3817, 68.1974**, and the grayscale version is **63.1807, 66.4710, 72.3869**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6845, 33.4705, 42.6626** is the 20% darker color. If you saturate the color by 10%, you get **60.8157, 54.7678, 78.6010**, and if you desaturate by 10%, it is **72.2891, 76.6793, 82.2257**.

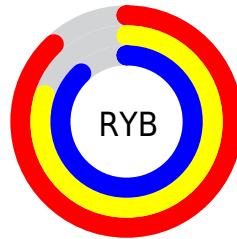
Distribution



Red (88%)

Green (80%)

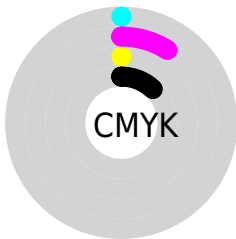
Blue (88%)



Red (88%)

Yellow (80%)

Blue (88%)

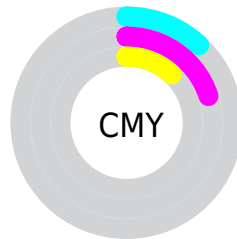


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1624, 64.9462, 80.2829 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 66.1624, 64.9462, 80.2829 by changing the saturation by 10% instead.

66.1624, 64.9462,
80.2829

66.1624, 64.9462,
80.2829

436.4369,
442.5986, 515.6176

48.6724, 47.4175,
59.4236

112.7758,
111.9725, 135.5784

34.5732, 33.3658,
42.5320

142.6300,
142.2389, 170.8517

23.4992, 22.4068,
29.1894

177.3363,
177.5199, 211.7668

15.0853, 14.1561,
18.9773

217.2601,
218.1999, 258.7422

8.9660, 8.2293,
11.4773

262.7667,
264.6634, 312.1964

4.7759, 4.2420,
6.2706

314.2214,

2.1498, 1.8099,

317.2948, 372.5480

2.9389

371.9897,
376.4784, 440.2156

■ 0.7161, 0.4933,
1.0635

■ 0.0000, 0.0000,
0.0000

■ 66.1624, 64.9462,
80.2829

■ 66.1624, 64.9462,
80.2829

■ 60.8157, 54.7678,
78.6010

■ 72.2891, 76.6793,
82.2257

■ 56.2105, 46.0700,
77.1649

■ 79.2211, 90.0204,
84.4354

■ 52.3135, 38.7850,
75.9642

■ 81.1483, 93.3485,
84.9762

■ 49.0865, 32.8368,
74.9861

■ 81.5052, 93.5325,
84.9929

46.4878, 28.1418,
74.2169

81.8643, 93.7177,
85.0097

44.4711, 24.6074,
73.6409

82.2258, 93.9040,
85.0267

42.9837, 22.1280,
73.2408

82.5896, 94.0916,
85.0437

41.9630, 20.5789,
72.9956

82.9558, 94.2803,
85.0608

41.3132, 19.7681,
72.8733

83.3243, 94.4703,
85.0781

Harmonies

Analogous

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



63.9049, 64.9462, 85.8182



66.1624, 64.9462, 80.2829



67.2364, 64.9462, 72.4657

Triad

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



66.1624, 64.9462, 80.2829



62.3376, 64.9462, 56.4711



56.9228, 64.9462, 77.0547

Complementary

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



66.1624, 64.9462, 80.2829



63.4007, 71.3817, 68.1974

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.



56.5316, 64.9462, 68.9934



66.1624, 64.9462, 80.2829



59.6038, 64.9462, 57.4973

Square

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



66.1624, 64.9462, 80.2829



64.9855, 64.9462, 59.0230



57.4990, 64.9462, 61.9399



58.5840, 64.9462, 83.8581

Rectangle

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



66.1624, 64.9462, 80.2829



67.1144, 64.9462, 67.1666



57.4990, 64.9462, 61.9399



56.6405, 64.9462, 74.3870

Sweetspot

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



66.1643, 64.9490, 80.2843



92.5173, 95.1433, 108.0961



60.9219, 62.7219, 80.1307



19.6611, 20.0937, 23.0922



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.



66.1643, 64.9490, 80.2843



86.2313, 83.1258, 106.1077



65.3226, 64.6482, 74.2295



14.2238, 13.8989, 17.3208



23.8000, 11.3646, 41.9876



1.6708, 0.7986, 2.9113

Inverse Universe

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



64.0255, 64.1294, 67.3995



82.7480, 81.7919, 85.0818



64.1994, 71.6692, 73.8476



13.7349, 13.7116, 14.3741



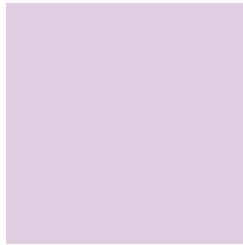
17.9414, 9.2436, 1.0912



1.2535, 0.6447, 0.1279

Previews

White Background



This preview shows how the XYZ color 66.1624, 64.9462, 80.2829 looks on a white background.

Color Contrast Check

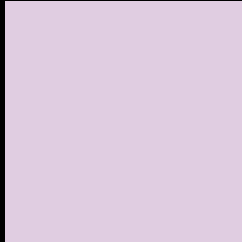
Large Text (above 18pt) WCAG AA × Fail

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 66.1624, 64.9462, 80.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

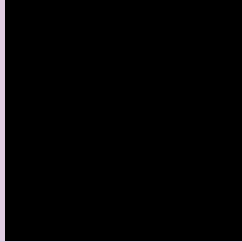
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1624, 64.9462, 80.2829

Background



This preview shows how black text looks on a background with the XYZ color 66.1624, 64.9462, 80.2829.



This preview shows how white text looks on a background with the XYZ color 66.1624, 64.9462,

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

66.1624, 64.9462, 80.2829

Protanopia

63.3824, 64.9040, 82.5859

Deuteranopia

66.4733, 65.1064, 80.2974



Tritanopia

65.9966, 65.2638, 78.2260

Trichromacy



Original Color

66.1624, 64.9462, 80.2829

Protanomaly

64.4453, 65.1049, 81.8429

Deuteranomaly

66.4733, 65.1064, 80.2974

Tritanomaly

66.1311, 65.3176, 78.9341

Monochromacy



Original Color

66.1624, 64.9462, 80.2829

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1863, 65.8547, 74.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1624, 64.9462, 80.2829 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, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 225)  
}
```

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, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 225) }
```

Border

The CSS property to change the border of an element to XYZ 66.1624, 64.9462, 80.2829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

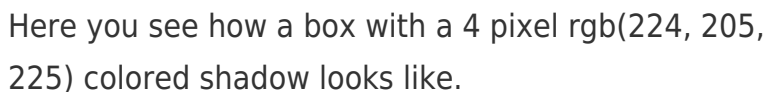
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 205, 225) }
```


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

```
.border{ border-color:rgb(224, 205, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 205, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 205, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 205, 225); box-shadow:4px 4px 4px 4px rgb(224, 205, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1624, 64.9462, 80.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 225) }
```

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

```
.background{ background-color: rgb(224,  
205, 225) }
```

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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