

Converting Colors

XYZ(71.5167, 68.7517, 82.5966)

Have a look what the booklet for
XYZ(71.5167, 68.7517, 82.5966)
contains.

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Color

**XYZ(71.4845, 68.7177,
82.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD0E4
RGB	237, 208, 228
RGB Percent	93%, 82%, 89%
CMY	0.0706, 0.1843, 0.1059
CMYK	0.00, 0.12, 0.04, 0.07
HSL	319°, 45%, 87%
HSV	319°, 12%, 93%
XYZ	71.4845, 68.7177, 82.8950
YIQ	218.9510, 10.8640, 12.3680

Conversions

Conversions Part 2

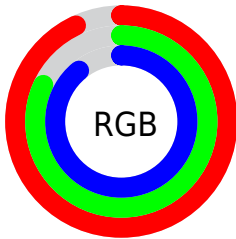
Format	Color
R_{YB}	237, 208, 228
Decimal	15585508
CIE _{Lab}	86.36, 13.48, -6.13
CIE _{LCh}	86, 14.808, 335.537
Yxy	68.7177, 0.3204, 0.3080
Android (android.graphics.Color)	4293775588 (0xFFEDD0E4)
YUV	218.9510, 4.4612, 15.8290
Hunter-Lab	82.8961, 8.8591, -1.2619

Details

The XYZ color **71.4845, 68.7177, 82.8950** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8236, 78.9899, 77.2685**, and the grayscale version is **67.2644, 70.7674, 77.0657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1545, 35.9521, 44.4637** is the 20% darker color. If you saturate the color by 10%, you get **65.1334, 57.6143, 75.8468**, and if you desaturate by 10%, it is **78.7464, 81.5712, 90.4629**.

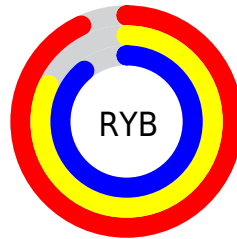
Distribution



Red (93%)

Green (82%)

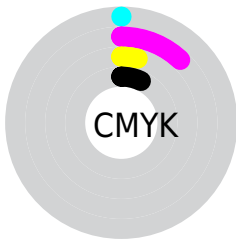
Blue (89%)



Red (93%)

Yellow (82%)

Blue (89%)

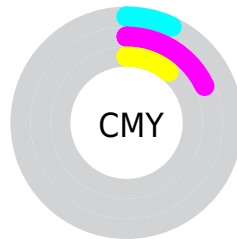


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4845, 68.7177, 82.8950 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 71.4845, 68.7177, 82.8950 by changing the saturation by 10% instead.

71.4845, 68.7177,
82.8950

71.4845, 68.7177,
82.8950

454.9309,
456.0347, 524.5983

53.0216, 50.4818,
61.5634

120.3381,
117.3783, 139.2763

38.0476, 35.7964,
44.2465

151.4596,
148.5718, 175.1631

26.1970, 24.2770,
30.5257

187.5313,
184.8533, 216.7388

17.1045, 15.5392,
19.9826

228.9186,
226.6072, 264.4218

10.4048, 9.1987,
12.1984

275.9868,
274.2179, 318.6307

5.7325, 4.8710,
6.7548

329.1014,

2.7222, 2.1718,

328.0698, 379.7841

3.2331

388.6276,
388.5472, 448.3005

■ 1.0086, 0.7045,
1.2149

■ 0.0000, 0.0000,
0.0000

■ 71.4845, 68.7177,
82.8950

■ 71.4845, 68.7177,
82.8950

■ 65.1334, 57.6143,
75.8468

■ 78.7464, 81.5712,
90.4629

■ 59.6484, 48.1755,
69.2983

■ 86.8199, 95.9785,
98.5174

■ 54.9901, 40.3221,
63.2343

■ 87.9518, 96.4313,
104.4776

■ 51.1132, 33.9647,
57.6373

■ 88.7355, 96.7447,
108.6045

■ 47.9683, 29.0051,
52.4878

■ 45.4998, 25.3334,
47.7645

■ 43.6440, 22.8228,
43.4432

■ 42.3241, 21.3209,
39.4955

■ 41.5758, 20.6649,
36.6545

Harmonies

Analogous

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



69.2113, 68.7177, 91.2174



71.4845, 68.7177, 82.8950



72.0805, 68.7177, 73.0194

Triad

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



71.4845, 68.7177, 82.8950



64.6817, 68.7177, 57.5984



60.1077, 68.7177, 86.3107

Complementary

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



71.4845, 68.7177, 82.8950



68.8236, 78.9899, 77.2685

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.



58.9850, 68.7177, 76.6538



71.4845, 68.7177, 82.8950



61.5660, 68.7177, 60.5190

Square

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



71.4845, 68.7177, 82.8950



68.0753, 68.7177, 58.9552



59.5094, 68.7177, 67.2907



62.6286, 68.7177, 93.3069

Rectangle

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



71.4845, 68.7177, 82.8950



71.4292, 68.7177, 66.9932



59.5094, 68.7177, 67.2907



59.5584, 68.7177, 83.2379

Sweetspot

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



71.4865, 68.7207, 82.8965



91.3763, 93.4616, 105.1815



66.3709, 65.9354, 89.3504



19.4147, 19.7497, 22.3659



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.



71.4865, 68.7207, 82.8965



82.1854, 77.2357, 95.4715



69.5954, 67.9643, 72.9380



15.5042, 15.2295, 17.9405



22.7602, 11.3068, 20.3362



1.8301, 0.9050, 1.8226

Inverse Universe

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



71.4865, 68.7207, 82.8965



82.1854, 77.2357, 95.4715



70.7509, 79.7608, 87.4175



15.5042, 15.2295, 17.9405



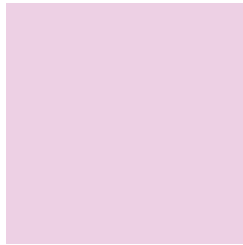
22.7602, 11.3068, 20.3362



1.8301, 0.9050, 1.8226

Previews

White Background



This preview shows how the XYZ color 71.4845, 68.7177, 82.8950 looks on a white background.

Color Contrast Check

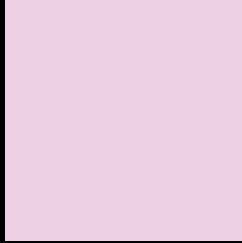
Large Text (above 18pt) WCAG AA × Fail

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 71.4845, 68.7177, 82.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

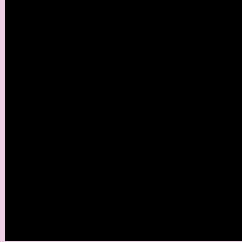
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4845, 68.7177, 82.8950

Background



This preview shows how black text looks on a background with the XYZ color 71.4845, 68.7177, 82.8950.



This preview shows how white text looks on a background with the XYZ color 71.4845, 68.7177,

82.8950.

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

71.4845, 68.7177, 82.8950

Protanopia

66.8903, 68.8741, 86.1125

Deuteranopia

70.3289, 68.8504, 82.9815



Tritanopia

71.3161, 69.0417, 80.8018

Trichromacy



Original Color

71.4845, 68.7177, 82.8950

Protanomaly

68.3987, 68.5445, 85.2267

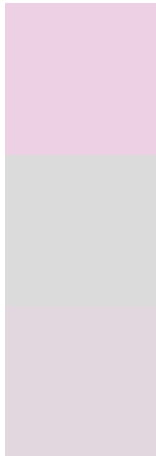
Deuteranomaly

70.7357, 68.6948, 82.9300

Tritanomaly

71.4530, 69.0964, 81.5225

Monochromacy



Original Color

71.4845, 68.7177, 82.8950

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.8493, 70.0436, 78.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4845, 68.7177, 82.8950 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(237, 208, 228)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 228)  
}
```

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(237, 208, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.4845, 68.7177, 82.8950 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(237, 208, 228) }
```


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

```
.border{ border-color:rgb(237, 208, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 228);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4845, 68.7177, 82.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 228) }
```

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

```
.background{ background-color: rgb(237,  
208, 228) }
```

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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