

Converting Colors

XYZ(64.8863, 57.3037, 94.0297)

Have a look what the booklet for
XYZ(64.8863, 57.3037, 94.0297)
contains.

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Color

**XYZ(64.8817, 57.2980,
94.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B9F5
RGB	225, 185, 245
RGB Percent	88%, 73%, 96%
CMY	0.1176, 0.2745, 0.0392
CMYK	0.08, 0.24, 0.00, 0.04
HSL	280°, 75%, 84%
HSV	280°, 24%, 96%
XYZ	64.8817, 57.2980, 94.0262
YIQ	203.8000, 4.5800, 27.1400

Conversions

Conversions Part 2

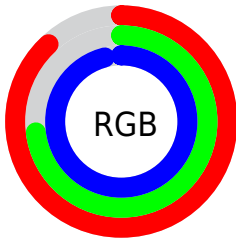
Format	Color
R _Y B	225, 185, 245
Decimal	14793205
CIE Lab	80.35, 24.96, -24.34
CIE LCh	80, 34.863, 315.721
Yxy	57.2980, 0.3001, 0.2650
Android (android.graphics.Color)	4292983285 (0xFFE1B9F5)
YUV	203.8000, 20.3116, 18.5924
Hunter-Lab	75.6954, 20.5327, -20.6611

Details

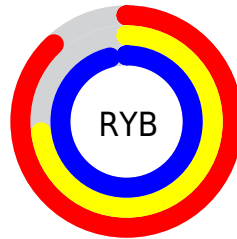
The XYZ color **64.8817, 57.2980, 94.0262** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.5881, 81.7882, 58.1787**, and the grayscale version is **57.1436, 60.1195, 65.4702**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **33.7988, 28.6117, 51.8853** is the 20% darker color. If you saturate the color by 10%, you get **57.7063, 46.6360, 92.3473**, and if you desaturate by 10%, it is **73.0656, 69.7938, 96.0077**.

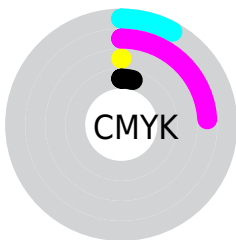
Distribution



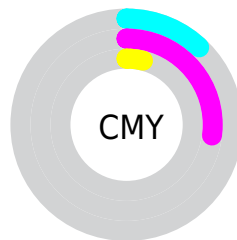
- Red (88%)
- Green (73%)
- Blue (96%)



- Red (88%)
- Yellow (73%)
- Blue (96%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8817, 57.2980, 94.0262 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 64.8817, 57.2980, 94.0262 by changing the saturation by 10% instead.

64.8817, 57.2980,
94.0262

64.8817, 57.2980,
94.0262

431.9187,
414.5650, 561.9472

47.6295, 41.2445,
70.7323

110.9464,
100.8999, 154.9026

33.7436, 28.5102,
51.6433

140.4896,
129.2171, 193.3221

22.8587, 18.7106,
36.3406

174.8606,
162.3910, 237.6207

14.6093, 11.4614,
24.4056

214.4246,
200.8060, 288.2168

8.6302, 6.3781,
15.4198

259.5471,
244.8465, 345.5290

4.5559, 3.0763,
8.9646

310.5934,

2.0212, 1.1717,

294.8969, 409.9757

4.6216

367.9288,
351.3416, 481.9756

■ 0.6458, 0.0384,
1.9722

■ 0.0000, 0.0000,
0.5381

■ 64.8817, 57.2980,
94.0262

■ 64.8817, 57.2980,
94.0262

■ 57.7063, 46.6360,
92.3473

■ 73.0656, 69.7938,
96.0077

■ 51.4871, 37.7092,
90.9520

■ 82.2962, 84.2010,
98.3020

■ 46.1748, 30.4204,
89.8251

■ 91.4879, 98.3449,
100.5476

■ 41.7132, 24.6599,
88.9484

■ 93.4816, 99.3726,
100.6409

■ 38.0391, 20.3040,
88.3013

■ 35.0795, 17.2093,
87.8599

■ 32.7451, 15.2001,
87.5952

■ 31.6540, 14.4143,
87.5010

Harmonies

Analogous

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



58.2615, 57.2980, 108.3521



64.8817, 57.2980, 94.0262



68.8626, 57.2980, 72.5864

Triad

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



64.8817, 57.2980, 94.0262



57.9135, 57.2980, 31.5383



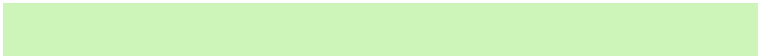
42.2956, 57.2980, 73.6475

Complementary

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



64.8817, 57.2980, 94.0262



66.5881, 81.7882, 58.1787

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.



42.2202, 57.2980, 53.1922



64.8817, 57.2980, 94.0262



50.8277, 57.2980, 31.7009

Square

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



64.8817, 57.2980, 94.0262



64.6079, 57.2980, 38.2790



45.2187, 57.2980, 38.7859



45.4347, 57.2980, 94.9478

Rectangle

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



64.8817, 57.2980, 94.0262



69.2791, 57.2980, 58.5536



45.2187, 57.2980, 38.7859



41.9209, 57.2980, 66.3858

Sweetspot

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



64.8835, 57.3004, 94.0275



87.4623, 88.0242, 106.9883



58.5625, 61.0518, 95.0847



18.5864, 18.6305, 22.8664



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.



64.8835, 57.3004, 94.0275



67.3295, 57.1690, 102.0938



70.1471, 60.1688, 87.2747



16.6456, 16.4755, 20.8453



17.2053, 7.8440, 47.1452



1.6208, 0.7454, 4.1487

Inverse Universe

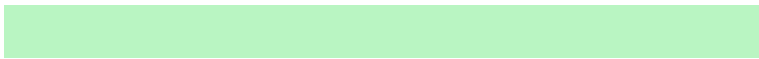
The Inverse Universe completely reimagines the original color for something new.



66.0265, 58.5206, 65.5757



68.8783, 58.7698, 65.9154



62.3996, 79.5156, 63.1007



16.7270, 16.5736, 18.3088



21.1571, 10.8063, 5.5355



1.9053, 0.9681, 0.7275

Previews

White Background



This preview shows how the XYZ color 64.8817, 57.2980, 94.0262 looks on a white background.

Color Contrast Check

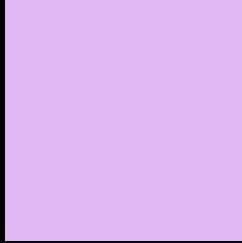
Large Text (above 18pt) WCAG AA × Fail

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 64.8817, 57.2980, 94.0262 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 64.8817, 57.2980, 94.0262

Background



This preview shows how black text looks on a background with the XYZ color 64.8817, 57.2980, 94.0262.

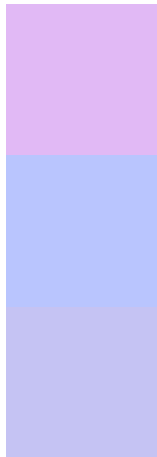


This preview shows how white text looks on a background with the XYZ color 64.8817, 57.2980,

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

64.8817, 57.2980, 94.0262

Protanopia

57.8632, 57.4025, 101.7960

Deuteranopia

58.7187, 57.3716, 92.7730



Tritanopia

59.3255, 57.2643, 66.9578

Trichromacy



Original Color

64.8817, 57.2980, 94.0262

Protanomaly

60.3020, 57.3843, 99.1648

Deuteranomaly

60.6921, 57.0587, 93.4026

Tritanomaly

61.0675, 56.9878, 76.1878

Monochromacy



Original Color

64.8817, 57.2980, 94.0262

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.9038, 59.0440, 75.2572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8817, 57.2980, 94.0262 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(225, 185, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 245)  
}
```

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(225, 185, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 245) }
```

Border

The CSS property to change the border of an element to XYZ 64.8817, 57.2980, 94.0262 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(225, 185, 245) }
```


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

```
.border{ border-color:rgb(225, 185, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 185, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 185, 245); box-shadow:4px 4px 4px 4px rgb(225, 185, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8817, 57.2980, 94.0262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 245) }
```

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

```
.background{ background-color: rgb(225,  
185, 245) }
```

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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