

Converting Colors

XYZ(65.1614, 58.1202, 91.7883)

Have a look what the booklet for
XYZ(65.1614, 58.1202, 91.7883)
contains.

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Color

**XYZ(65.1614, 58.1202,
91.7883)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BBF2
RGB	226, 187, 242
RGB Percent	89%, 73%, 95%
CMY	0.1137, 0.2666, 0.0510
CMYK	0.07, 0.23, 0.00, 0.05
HSL	283°, 68%, 84%
HSV	283°, 23%, 95%
XYZ	65.1614, 58.1202, 91.7883
YIQ	204.9310, 5.5890, 25.3730

Conversions

Conversions Part 2

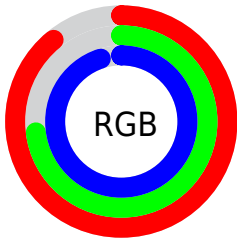
Format	Color
R _Y B	226, 187, 242
Decimal	14859250
CIE Lab	80.81, 23.61, -22.03
CIE LCh	81, 32.292, 316.994
Yxy	58.1202, 0.3030, 0.2702
Android (android.graphics.Color)	4293049330 (0xFFE2BBF2)
YUV	204.9310, 18.2750, 18.4775
Hunter-Lab	76.2366, 19.1545, -18.0191

Details

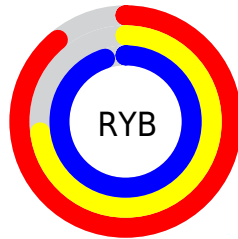
The XYZ color **65.1614, 58.1202, 91.7883** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.3523, 79.7900, 58.9730**, and the grayscale version is **57.8711, 60.8849, 66.3036**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **33.9656, 29.1414, 50.2890** is the 20% darker color. If you saturate the color by 10%, you get **58.2917, 47.5902, 90.1188**, and if you desaturate by 10%, it is **72.9904, 70.4321, 93.7530**.

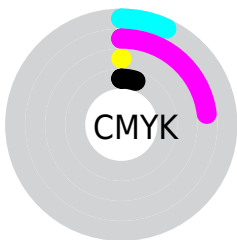
Distribution



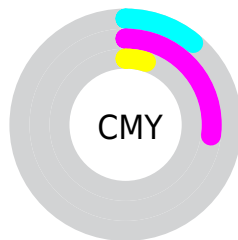
- Red (89%)
- Green (73%)
- Blue (95%)



- Red (89%)
- Yellow (73%)
- Blue (95%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1614, 58.1202, 91.7883 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 65.1614, 58.1202, 91.7883 by changing the saturation by 10% instead.

65.1614, 58.1202,
91.7883

65.1614, 58.1202,
91.7883

432.9078,
417.6337, 554.5506

47.8572, 41.9053,
68.8828

111.3463,
102.0979, 151.7771

33.9246, 29.0271,
50.1451

140.9576,
130.6294, 189.6974

22.9983, 19.1014,
35.1567

175.4021,
164.0353, 233.4598

14.7129, 11.7435,
23.4991

215.0449,
202.7000, 283.4827

8.7031, 6.5693,
14.7537

260.2516,
247.0077, 340.1847

4.6036, 3.1942,
8.5020

311.3874,

2.0490, 1.2340,

297.3430, 403.9843

4.3255

368.8176,
354.0902, 475.3001

■ 0.6612, 0.0892,
1.8055

■ 0.0000, 0.0000,
0.4316

■ 65.1614, 58.1202,
91.7883

■ 65.1614, 58.1202,
91.7883

■ 58.2917, 47.5902,
90.1188

■ 72.9904, 70.4321,
93.7530

■ 52.3315, 38.7473,
88.7260

■ 81.8147, 84.5994,
96.0225

■ 47.2345, 31.4993,
87.5957

■ 90.1881, 97.7273,
98.1151

■ 42.9476, 25.7420,
86.7104

■ 92.7197, 99.0324,
98.2335

■ 39.4116, 21.3585,
86.0506

■ 93.0272, 99.1909,
98.2479

■ 36.5583, 18.2139,
85.5940

■ 34.3052, 16.1452,
85.3135

■ 32.9528, 15.1364,
85.1900

Harmonies

Analogous

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



59.0755, 58.1202, 105.3111



65.1614, 58.1202, 91.7883



68.7040, 58.1202, 71.9148

Triad

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



65.1614, 58.1202, 91.7883



58.1785, 58.1202, 33.8167



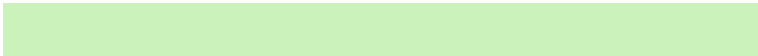
43.8614, 58.1202, 74.6370

Complementary

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



65.1614, 58.1202, 91.7883



65.3523, 79.7900, 58.9730

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.



43.6636, 58.1202, 55.3712



65.1614, 58.1202, 91.7883



51.5771, 58.1202, 34.2542

Square

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



65.1614, 58.1202, 91.7883



64.4594, 58.1202, 40.0433



46.3832, 58.1202, 41.3902



46.9472, 58.1202, 94.1237

Rectangle

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



65.1614, 58.1202, 91.7883



68.9745, 58.1202, 58.9150



46.3832, 58.1202, 41.3902



43.4642, 58.1202, 67.8618

Sweetspot

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



65.1632, 58.1227, 91.7896



87.7329, 88.1637, 107.0010



57.9970, 59.9265, 92.5154



18.6491, 18.6629, 22.8693



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.



65.1632, 58.1227, 91.7896



69.8918, 60.0582, 102.5164



68.8137, 60.1898, 83.5936



15.9803, 15.7871, 19.9266



17.8447, 8.2047, 45.7710



1.5828, 0.7332, 3.8123

Inverse Universe

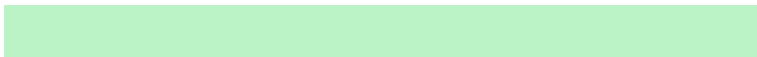
The Inverse Universe completely reimagines the original color for something new.



65.1696, 58.7321, 64.4040



69.9929, 60.9060, 66.5738



62.4407, 78.1477, 65.2216



15.9619, 15.8345, 17.3557



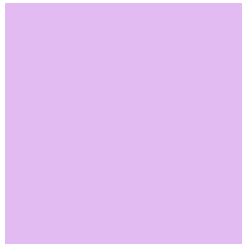
20.3236, 10.4019, 4.3546



1.7324, 0.8820, 0.5818

Previews

White Background



This preview shows how the XYZ color 65.1614, 58.1202, 91.7883 looks on a white background.

Color Contrast Check

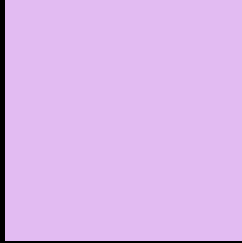
Large Text (above 18pt) WCAG AA × Fail

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 65.1614, 58.1202, 91.7883 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 65.1614, 58.1202, 91.7883

Background



This preview shows how black text looks on a background with the XYZ color 65.1614, 58.1202, 91.7883.



This preview shows how white text looks on a background with the XYZ color 65.1614, 58.1202,

91.7883.

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

65.1614, 58.1202, 91.7883

Protanopia

58.4178, 58.4403, 98.6436

Deuteranopia

59.5555, 58.1886, 90.5307



Tritanopia

60.2739, 58.0661, 67.7056

Trichromacy



Original Color

65.1614, 58.1202, 91.7883

Protanomaly

60.6607, 58.3022, 96.0520

Deuteranomaly

61.5255, 58.1924, 91.2086

Tritanomaly

61.9805, 58.1169, 75.6611

Monochromacy



Original Color

65.1614, 58.1202, 91.7883

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.2895, 59.5963, 74.6553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1614, 58.1202, 91.7883 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(226, 187, 242)` looks like.

```
.text, #text, p{  
    color:rgb(226, 187, 242)  
}
```

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(226, 187, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 187, 242) }
```

Border

The CSS property to change the border of an element to XYZ 65.1614, 58.1202, 91.7883 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(226, 187, 242) }
```


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

```
.border{ border-color:rgb(226, 187, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 187, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 187, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 187, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 187,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1614, 58.1202, 91.7883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 187, 242) }
```

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

```
.background{ background-color: rgb(226,  
187, 242) }
```

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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