

Converting Colors

XYZ(61.6308, 58.0981, 83.1303)

Have a look what the booklet for
XYZ(61.6308, 58.0981, 83.1303)
contains.

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Color

**XYZ(61.4515, 58.0114,
82.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0E6
RGB	216, 192, 230
RGB Percent	85%, 75%, 90%
CMY	0.1529, 0.2470, 0.0980
CMYK	0.06, 0.17, 0.00, 0.10
HSL	278°, 43%, 83%
HSV	278°, 17%, 90%
XYZ	61.4515, 58.0114, 82.8214
YIQ	203.5080, 2.1060, 16.9060

Conversions

Conversions Part 2

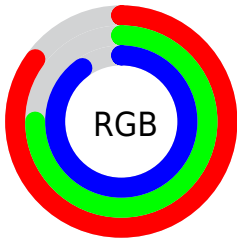
Format	Color
R _Y B	216, 192, 230
Decimal	14205158
CIE Lab	80.75, 15.34, -15.77
CIE LCh	81, 22.000, 314.224
Yxy	58.0114, 0.3038, 0.2868
Android (android.graphics.Color)	4292395238 (0xFFD8C0E6)
YUV	203.5080, 13.0606, 10.9555
Hunter-Lab	76.1652, 10.7280, -11.1558

Details

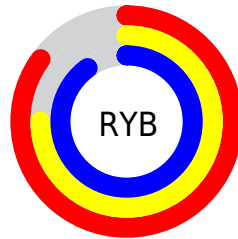
The XYZ color **61.4515, 58.0114, 82.8214** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.2669, 73.5227, 60.7288**, and the grayscale version is **57.0051, 59.9738, 65.3115**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **31.4264, 28.8100, 43.9489** is the 20% darker color. If you saturate the color by 10%, you get **54.3518, 47.4325, 81.1545**, and if you desaturate by 10%, it is **69.4730, 70.2401, 84.7599**.

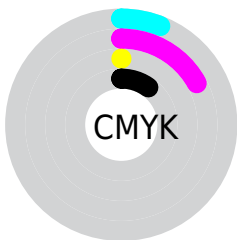
Distribution



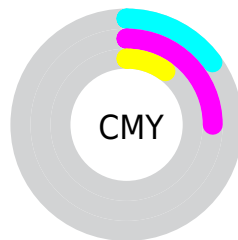
- Red (85%)
- Green (75%)
- Blue (90%)



- Red (85%)
- Yellow (75%)
- Blue (90%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4515, 58.0114, 82.8214 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 61.4515, 58.0114, 82.8214 by changing the saturation by 10% instead.

61.4515, 58.0114,
82.8214

61.4515, 58.0114,
82.8214

419.6770,
417.2284, 524.3465

44.8436, 41.8178,
61.5031

106.0268,
101.9395, 139.1723

31.5350, 28.9587,
44.1981

134.7249,
130.4427, 175.0419

21.1604, 19.0496,
30.4879

168.1838,
163.8180, 216.5991

13.3544, 11.7061,
19.9541

206.7688,
202.4497, 264.2623

7.7517, 6.5439,
12.1779

250.8452,
246.7222, 318.4501

3.9870, 3.1785,
6.7409

300.7785,

1.6948, 1.2256,

297.0199, 379.5810

3.2246

356.9340,
353.7271, 448.0737

■ 0.4530, 0.0825,
1.2105

■ 0.0000, 0.0000,
0.0000

■ 61.4515, 58.0114,
82.8214

■ 61.4515, 58.0114,
82.8214

■ 54.3518, 47.4325,
81.1545

■ 69.4730, 70.2401,
84.7599

■ 48.1301, 38.4219,
79.7432

■ 78.4471, 84.1806,
86.9777

■ 42.7468, 30.9022,
78.5755

■ 86.4638, 96.0088,
88.8382

■ 38.1570, 24.7863,
77.6370

■ 89.4311, 97.5385,
88.9771

■ 34.3107, 19.9779,
76.9116

■ 91.2831, 98.4932,
89.0638

■ 31.1522, 16.3681,
76.3813

■ 28.6160, 13.8296,
76.0250

■ 26.6205, 12.2024,
75.8160

■ 26.0059, 11.7566,
75.7624

Harmonies

Analogous

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



57.3103, 58.0114, 90.6210



61.4515, 58.0114, 82.8214



63.9699, 58.0114, 70.2063

Triad

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



61.4515, 58.0114, 82.8214



57.5450, 58.0114, 42.0365



47.1040, 58.0114, 69.5068

Complementary

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



61.4515, 58.0114, 82.8214



63.2669, 73.5227, 60.7288

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.



47.1591, 58.0114, 56.6102



61.4515, 58.0114, 82.8214



53.0215, 58.0114, 41.9030

Square

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



61.4515, 58.0114, 82.8214



61.6314, 58.0114, 47.2871



49.2726, 58.0114, 46.8935



49.1177, 58.0114, 82.2491

Rectangle

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



61.4515, 58.0114, 82.8214



64.3072, 58.0114, 61.3416



49.2726, 58.0114, 46.8935



46.8848, 58.0114, 65.0233

Sweetspot

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



61.4533, 58.0139, 82.8227



89.4094, 91.2531, 107.5090



58.2314, 61.3380, 83.6341



18.9729, 19.2783, 22.9711



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.



61.4533, 58.0139, 82.8227



74.3046, 68.2745, 103.8698



65.1525, 59.9919, 79.7870



14.4534, 14.3359, 18.1497



14.8620, 6.7275, 42.8984



1.1997, 0.5495, 3.1748

Inverse Universe

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



62.6253, 58.9811, 66.4790



76.1239, 69.7621, 79.1173



60.0503, 71.8069, 63.1813



14.5954, 14.4554, 16.0699



19.4515, 9.9148, 6.0068



1.4810, 0.7501, 0.6735

Previews

White Background



This preview shows how the XYZ color 61.4515, 58.0114, 82.8214 looks on a white background.

Color Contrast Check

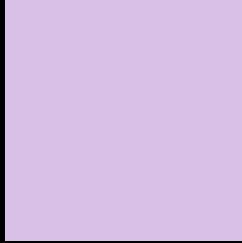
Large Text (above 18pt) WCAG AA × Fail

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 61.4515, 58.0114, 82.8214 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 61.4515, 58.0114, 82.8214

Background



This preview shows how black text looks on a background with the XYZ color 61.4515, 58.0114, 82.8214.



This preview shows how white text looks on a background with the XYZ color 61.4515, 58.0114,

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

61.4515, 58.0114, 82.8214

Protanopia

57.6670, 58.3143, 86.8137

Deuteranopia

59.1116, 57.8092, 82.1715



Tritanopia

58.7136, 57.8795, 69.7053

Trichromacy



Original Color

61.4515, 58.0114, 82.8214

Protanomaly

58.8050, 57.9196, 85.1710

Deuteranomaly

60.0130, 57.9424, 82.1497

Tritanomaly

59.6782, 57.9417, 74.3681

Monochromacy



Original Color

61.4515, 58.0114, 82.8214

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.6769, 59.5225, 71.3472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4515, 58.0114, 82.8214 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(216, 192, 230)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 230)  
}
```

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(216, 192, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.4515, 58.0114, 82.8214 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(216, 192, 230) }
```


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

```
.border{ border-color:rgb(216, 192, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 230);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4515, 58.0114, 82.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 230) }
```

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

```
.background{ background-color: rgb(216,  
192, 230) }
```

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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