

Converting Colors

XYZ(61.2148, 57.4317, 88.7480)

Have a look what the booklet for
XYZ(61.2148, 57.4317, 88.7480)
contains.

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Color

**XYZ(61.2148, 57.4317,
88.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BFEE
RGB	212, 191, 238
RGB Percent	83%, 75%, 93%
CMY	0.1686, 0.2510, 0.0667
CMYK	0.11, 0.20, 0.00, 0.07
HSL	267°, 58%, 84%
HSV	267°, 20%, 93%
XYZ	61.2148, 57.4317, 88.7480
YIQ	202.6370, -2.5710, 19.0690

Conversions

Conversions Part 2

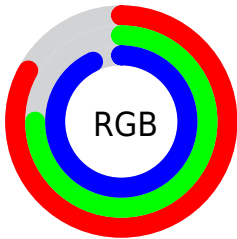
Format	Color
R _Y B	212, 191, 238
Decimal	13942766
CIE Lab	80.42, 16.18, -20.58
CIE LCh	80, 26.179, 308.181
Yxy	57.4317, 0.2952, 0.2769
Android (android.graphics.Color)	4292132846 (0xFFD4BFEE)
YUV	202.6370, 17.4340, 8.2114
Hunter-Lab	75.7837, 11.5631, -16.3841

Details

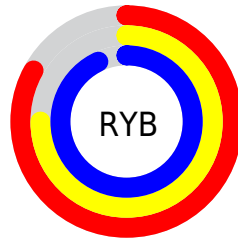
The XYZ color **61.2148, 57.4317, 88.7480** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.5958, 79.6639, 61.0542**, and the grayscale version is **56.4341, 59.3731, 64.6573**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.4366, 28.7225, 48.1431** is the 20% darker color. If you saturate the color by 10%, you get **52.7986, 46.0052, 86.9869**, and if you desaturate by 10%, it is **70.7875, 70.7093, 90.8072**.

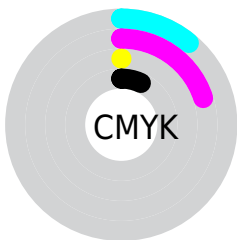
Distribution



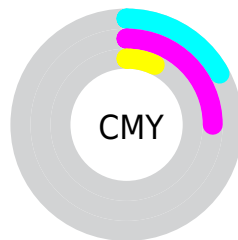
- Red (83%)
- Green (75%)
- Blue (93%)



- Red (83%)
- Yellow (75%)
- Blue (93%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2148, 57.4317, 88.7480 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 61.2148, 57.4317, 88.7480 by changing the saturation by 10% instead.

61.2148, 57.4317,
88.7480

61.2148, 57.4317,
88.7480

418.8245,
415.0650, 544.4143

44.6517, 41.3519,
66.3749

105.6862,
101.0948, 147.5184

31.3833, 28.5942,
48.1184

134.3253,
129.4470, 184.7527

21.0442, 18.7740,
33.5600

167.7205,
162.6587, 227.7778

13.2689, 11.5071,
22.2811

206.2370,
201.1144, 277.0122

7.6923, 6.4090,
13.8633

250.2404,
245.1985, 332.8746

3.9488, 3.0954,
7.8880

300.0958,

1.6732, 1.1817,

295.2954, 395.7834

3.9366

356.1687,
351.7894, 466.1571

■ 0.4394, 0.0467,
1.5906

■ 0.0000, 0.0000,
0.2841

■ 61.2148, 57.4317,
88.7480

■ 61.2148, 57.4317,
88.7480

■ 52.7986, 46.0052,
86.9869

■ 70.7875, 70.7093,
90.8072

■ 45.4854, 36.3374,
85.5063

■ 81.5563, 85.9102,
93.1737

■ 39.2255, 28.3387,
84.2923

■ 91.1575, 98.2957,
95.0583

■ 33.9626, 21.9085,
83.3286

■ 92.4328, 98.9531,
95.1180

■ 29.6346, 16.9349,
82.5967

■ 26.1714, 13.2905,
82.0758

■ 23.4908, 10.8245,
81.7411

■ 21.4631, 9.2916,
81.5521

■ 21.4166, 9.2579,
81.5480

Harmonies

Analogous

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



56.0681, 57.4317, 96.5689



61.2148, 57.4317, 88.7480



64.7341, 57.4317, 74.1686

Triad

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



61.2148, 57.4317, 88.7480



58.5115, 57.4317, 38.9220



45.0003, 57.4317, 66.8319

Complementary

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



61.2148, 57.4317, 88.7480



68.5958, 79.6639, 61.0542

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.



45.5601, 57.4317, 52.1835



61.2148, 57.4317, 88.7480



53.1324, 57.4317, 37.6133

Square

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



61.2148, 57.4317, 88.7480



63.1035, 57.4317, 45.9922



48.4559, 57.4317, 42.0676



46.8736, 57.4317, 82.6295

Rectangle

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



61.2148, 57.4317, 88.7480



65.5597, 57.4317, 63.4759



48.4559, 57.4317, 42.0676



44.9127, 57.4317, 61.6002

Sweetspot

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



61.2166, 57.4341, 88.7493



87.3161, 89.0536, 107.1947



61.8969, 67.2043, 90.5993



18.5157, 18.8169, 22.9061



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.



61.2166, 57.4341, 88.7493



67.1597, 61.1093, 102.8633



68.2820, 61.0765, 89.0799



15.5678, 15.5744, 19.9073



12.0921, 5.2391, 45.5018



1.1188, 0.4940, 3.7906

Inverse Universe

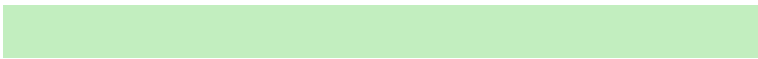
The Inverse Universe completely reimagines the original color for something new.



66.4170, 60.4509, 73.8159



74.4433, 65.3370, 81.8369



62.2629, 76.3991, 60.7578



16.1388, 15.9052, 18.2872



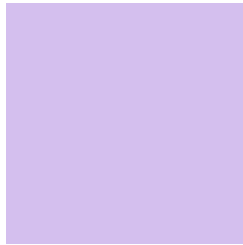
22.0485, 11.0918, 13.4377



1.8843, 0.9428, 1.3814

Previews

White Background



This preview shows how the XYZ color 61.2148, 57.4317, 88.7480 looks on a white background.

Color Contrast Check

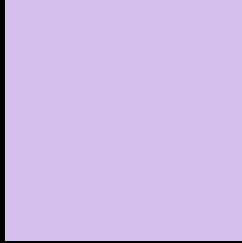
Large Text (above 18pt) WCAG AA × Fail

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 61.2148, 57.4317, 88.7480 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 61.2148, 57.4317, 88.7480

Background



This preview shows how black text looks on a background with the XYZ color 61.2148, 57.4317, 88.7480.



This preview shows how white text looks on a background with the XYZ color 61.2148, 57.4317,

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

61.2148, 57.4317, 88.7480

Protanopia

57.6069, 57.8064, 92.9156

Deuteranopia

58.8886, 57.5621, 88.1276



Tritanopia

57.5102, 57.5929, 69.7134

Trichromacy



Original Color

61.2148, 57.4317, 88.7480

Protanomaly

58.6810, 57.3869, 91.2030

Deuteranomaly

59.7547, 57.6771, 88.1042

Tritanomaly

58.6374, 57.3593, 76.3875

Monochromacy



Original Color

61.2148, 57.4317, 88.7480

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.2717, 58.9265, 73.2685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2148, 57.4317, 88.7480 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(212, 191, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 238)  
}
```

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(212, 191, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 238) }
```

Border

The CSS property to change the border of an element to XYZ 61.2148, 57.4317, 88.7480 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(212, 191, 238) }
```


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

```
.border{ border-color:rgb(212, 191, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2148, 57.4317, 88.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 238) }
```

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

```
.background{ background-color: rgb(212,  
191, 238) }
```

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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