

Converting Colors

XYZ(61.2858, 51.0220, 80.7469)

Have a look what the booklet for
XYZ(61.2858, 51.0220, 80.7469)
contains.

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Color

**XYZ(61.2858, 51.0220,
80.7469)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A9E5
RGB	231, 169, 229
RGB Percent	91%, 66%, 90%
CMY	0.0941, 0.3372, 0.1020
CMYK	0.00, 0.27, 0.01, 0.09
HSL	302°, 56%, 78%
HSV	302°, 27%, 91%
XYZ	61.2858, 51.0220, 80.7469
YIQ	194.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

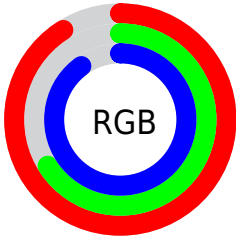
Format	Color
R _Y B	231, 169, 229
Decimal	15182309
CIE Lab	76.69, 32.42, -21.22
CIE LCh	77, 38.749, 326.802
Yxy	51.0220, 0.3175, 0.2643
Android (android.graphics.Color)	4293372389 (0xFFE7A9E5)
YUV	194.3780, 17.0686, 32.1175
Hunter-Lab	71.4297, 28.1489, -17.0229

Details

The XYZ color **61.2858, 51.0220, 80.7469** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.2908, 68.5287, 49.0022**, and the grayscale version is **51.3981, 54.0748, 58.8874**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **31.4674, 24.6219, 42.6291** is the 20% darker color. If you saturate the color by 10%, you get **57.2588, 43.1333, 78.8928**, and if you desaturate by 10%, it is **66.0756, 60.4337, 82.8586**.

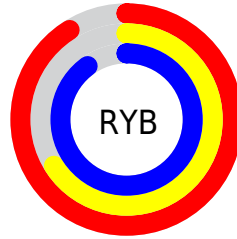
Distribution



Red (91%)

Green (66%)

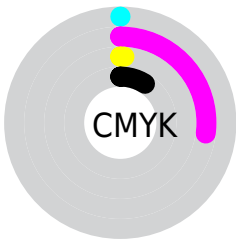
Blue (90%)



Red (91%)

Yellow (66%)

Blue (90%)

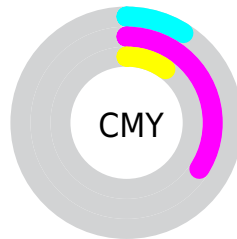


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (34%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2858, 51.0220, 80.7469 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 61.2858, 51.0220, 80.7469 by changing the saturation by 10% instead.

61.2858, 51.0220,
80.7469

61.2858, 51.0220,
80.7469

419.0803,
390.6493, 517.2194

44.7093, 36.2261,
59.8034

105.7884, 91.6873,
136.2362

31.4288, 24.6089,
42.8359

134.4452,
118.3255, 171.6191

21.0790, 15.7859,
29.4259

167.8595,
149.6799, 212.6521

13.2946, 9.3728,
19.1549

206.3966,
186.1350, 259.7539

7.7101, 4.9851,
11.6043

250.4219,
228.0750, 313.3430

3.9602, 2.2385,
6.3556

300.3007,

1.6797, 0.7409,

275.8845, 373.8379

2.9902

356.3984,
329.9478, 441.6572

■ 0.4435, 0.0000,
1.0897

■ 0.0000, 0.0000,
0.0000

■ 61.2858, 51.0220,
80.7469

■ 61.2858, 51.0220,
80.7469

■ 57.2588, 43.1333,
78.8928

■ 66.0756, 60.4337,
82.8586

■ 53.9499, 36.6810,
77.2796

■ 71.6603, 71.4356,
85.2370

■ 51.3171, 31.5801,
75.8940

■ 78.0764, 84.0993,
87.8947

■ 49.3119, 27.7338,
74.7199

■ 83.2784, 94.3343,
90.1499

47.8798, 25.0328,
73.7389

83.3845, 94.3768,
90.7087

46.9565, 23.3489,
72.9297

83.4911, 94.4194,
91.2699

46.4600, 22.5178,
72.2650

83.5981, 94.4622,
91.8334

46.3488, 22.3465,
72.0706

83.7056, 94.5052,
92.3993

83.8135, 94.5484,
92.9676

Harmonies

Analogous

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



55.1394, 51.0220, 99.9910



61.2858, 51.0220, 80.7469



63.9909, 51.0220, 57.8391

Triad

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



61.2858, 51.0220, 80.7469



49.2863, 51.0220, 24.1870



36.9597, 51.0220, 75.8399

Complementary

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



61.2858, 51.0220, 80.7469



52.2908, 68.5287, 49.0022

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.



35.7272, 51.0220, 53.3304



61.2858, 51.0220, 80.7469



42.4068, 51.0220, 26.7288

Square

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



61.2858, 51.0220, 80.7469



56.6379, 51.0220, 28.1369



37.6203, 51.0220, 36.2362



41.1723, 51.0220, 96.6925

Rectangle

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



61.2858, 51.0220, 80.7469



63.2952, 51.0220, 44.6729



37.6203, 51.0220, 36.2362



36.2028, 51.0220, 68.0731

Sweetspot

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



61.2874, 51.0242, 80.7480



88.7781, 87.6255, 106.2875



45.1988, 42.6978, 81.4616



18.7659, 18.2897, 22.6502



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.



61.2874, 51.0242, 80.7480



73.8893, 58.3524, 99.7696



57.4497, 49.4892, 60.5390



14.9740, 14.6068, 18.0633



25.9928, 12.5313, 40.4526



1.9271, 0.9286, 3.0228

Inverse Universe

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



61.2874, 51.0242, 80.7480



73.8893, 58.3524, 99.7696



55.4865, 69.8070, 65.8305



14.9740, 14.6068, 18.0633



25.9928, 12.5313, 40.4526



1.9271, 0.9286, 3.0228

Previews

White Background



This preview shows how the XYZ color 61.2858, 51.0220, 80.7469 looks on a white background.

Color Contrast Check

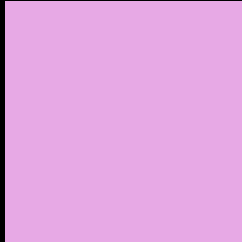
Large Text (above 18pt) WCAG AA × Fail

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 61.2858, 51.0220, 80.7469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

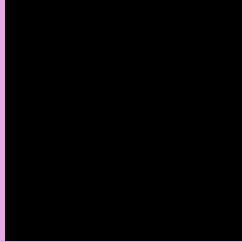
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2858, 51.0220, 80.7469

Background



This preview shows how black text looks on a background with the XYZ color 61.2858, 51.0220, 80.7469.



This preview shows how white text looks on a background with the XYZ color 61.2858, 51.0220,

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

61.2858, 51.0220, 80.7469

Protanopia

51.9147, 51.6074, 91.2294

Deuteranopia

52.3116, 51.1361, 79.0646



Tritanopia

56.1836, 50.9371, 55.5858

Trichromacy



Original Color

61.2858, 51.0220, 80.7469



Protanomaly

54.5749, 50.8979, 87.0686



Deuteranomaly

55.1621, 50.7654, 79.5644



Tritanomaly

57.8376, 50.7408, 63.8723

Monochromacy



Original Color

61.2858, 51.0220, 80.7469



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.3436, 52.4683, 66.2947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2858, 51.0220, 80.7469 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(231, 169, 229)` looks like.

```
.text, #text, p{  
    color:rgb(231, 169, 229)  
}
```

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(231, 169, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 169, 229) }
```

Border

The CSS property to change the border of an element to XYZ 61.2858, 51.0220, 80.7469 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(231, 169, 229) }
```


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

```
.border{ border-color:rgb(231, 169, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 169, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 169, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 169, 229);  
box-shadow:4px 4px 4px 4px rgb(231, 169,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2858, 51.0220, 80.7469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 169, 229) }
```

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

```
.background{ background-color: rgb(231,  
169, 229) }
```

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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