

Converting Colors

XYZ(60.7401, 58.2577, 81.9429)

Have a look what the booklet for
XYZ(60.7401, 58.2577, 81.9429)
contains.

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Color

**XYZ(60.8752, 58.3868,
82.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C2E5
RGB	213, 194, 229
RGB Percent	84%, 76%, 90%
CMY	0.1647, 0.2392, 0.1020
CMYK	0.07, 0.15, 0.00, 0.10
HSL	273°, 40%, 83%
HSV	273°, 15%, 90%
XYZ	60.8752, 58.3868, 82.1901
YIQ	203.6710, 0.0890, 14.9130

Conversions

Conversions Part 2

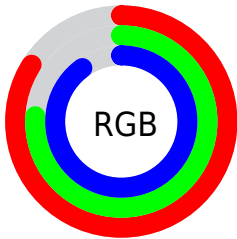
Format	Color
R _Y B	213, 194, 229
Decimal	14009061
CIE Lab	80.95, 13.09, -14.94
CIE LCh	81, 19.865, 311.223
Yxy	58.3868, 0.3022, 0.2898
Android (android.graphics.Color)	4292199141 (0xFFD5C2E5)
YUV	203.6710, 12.4872, 8.1815
Hunter-Lab	76.4113, 8.4874, -10.2861

Details

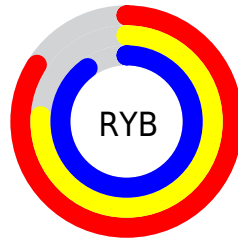
The XYZ color **60.8752, 58.3868, 82.1901** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.3373, 73.6368, 61.8641**, and the grayscale version is **57.1121, 60.0863, 65.4340**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **31.1186, 29.0813, 44.0175** is the 20% darker color. If you saturate the color by 10%, you get **53.2272, 47.4535, 80.4838**, and if you desaturate by 10%, it is **69.5082, 70.9968, 84.1700**.

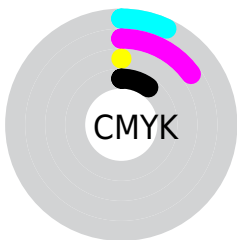
Distribution



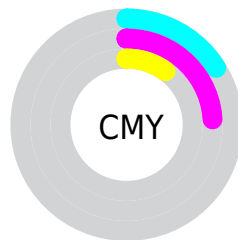
- Red (84%)
- Green (76%)
- Blue (90%)



- Red (84%)
- Yellow (76%)
- Blue (90%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8752, 58.3868, 82.1901 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 60.8752, 58.3868, 82.1901 by changing the saturation by 10% instead.

60.8752, 58.3868,
82.1901

60.8752, 58.3868,
82.1901

417.5995,
418.6257, 522.1835

44.3766, 42.1197,
60.9855

105.1974,
102.4859, 138.2796

31.1659, 29.1950,
43.7830

133.7516,
131.0867, 174.0016

20.8776, 19.2284,
30.1640

167.0552,
164.5675, 215.3999

13.1465, 11.8354,
19.7100

205.4734,
203.3128, 262.8929

7.6072, 6.6317,
12.0024

249.3715,
247.7068, 316.8992

3.8943, 3.2329,
6.6228

299.1150,

1.6425, 1.2545,

298.1340, 377.8374

3.1525

355.0692,
354.9789, 446.1260

■ 0.4199, 0.1055,
1.1730

■ 0.0000, 0.0000,
0.0000

■ 60.8752, 58.3868,
82.1901

■ 60.8752, 58.3868,
82.1901

■ 53.2272, 47.4535,
80.4838

■ 69.5082, 70.9968,
84.1700

■ 46.5193, 38.1159,
79.0350

■ 79.1579, 85.3449,
86.4308

■ 40.7109, 30.2973,
77.8320

■ 87.3536, 96.4837,
88.1489

■ 35.7560, 23.9115,
76.8605

■ 91.0986, 98.4143,
88.3241

■ 31.6041, 18.8635,
76.1050

■ 91.1430, 98.4372,
88.3262

■ 28.1986, 15.0461,
75.5477

■ 25.4742, 12.3353,
75.1680

■ 23.3513, 10.5786,
74.9408

■ 22.4998, 9.9653,
74.8673

Harmonies

Analogous

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



57.0494, 58.3868, 88.4971



60.8752, 58.3868, 82.1901



63.3300, 58.3868, 71.1516

Triad

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



60.8752, 58.3868, 82.1901



58.0815, 58.3868, 44.4384



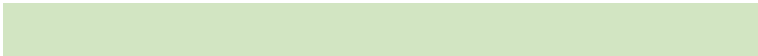
48.0886, 58.3868, 68.0873

Complementary

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



60.8752, 58.3868, 82.1901



64.3373, 73.6368, 61.8641

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.



48.3343, 58.3868, 56.5532



60.8752, 58.3868, 82.1901



53.9689, 58.3868, 43.8324

Square

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



60.8752, 58.3868, 82.1901



61.6628, 58.3868, 49.7765



50.4413, 58.3868, 48.0041



49.7527, 58.3868, 79.7095

Rectangle

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



60.8752, 58.3868, 82.1901



63.7891, 58.3868, 63.0909



50.4413, 58.3868, 48.0041



47.9528, 58.3868, 64.0582

Sweetspot

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



60.8770, 58.3893, 82.1914



89.0045, 91.0444, 107.4900



59.5221, 63.3867, 83.2274



18.8744, 19.2275, 22.9664



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.



60.8770, 58.3893, 82.1914



74.8119, 70.3651, 104.2466



65.5870, 60.8361, 81.5643



14.3266, 14.2706, 18.1437



13.0047, 5.7701, 42.8115



1.0678, 0.4815, 3.1686

Inverse Universe

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



63.2397, 59.8972, 69.2037



78.3598, 72.6279, 84.8135



60.1387, 71.4572, 62.3543



14.6496, 14.4770, 16.3554



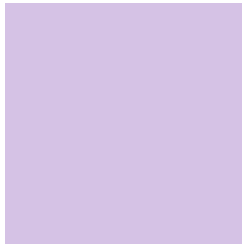
19.9831, 10.1274, 8.8057



1.5231, 0.7669, 0.8951

Previews

White Background



This preview shows how the XYZ color 60.8752, 58.3868, 82.1901 looks on a white background.

Color Contrast Check

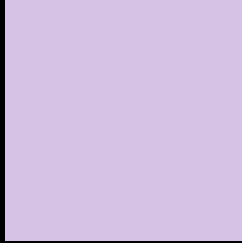
Large Text (above 18pt) WCAG AA × Fail

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 60.8752, 58.3868, 82.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

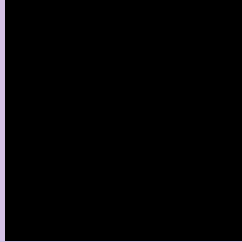
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8752, 58.3868, 82.1901

Background



This preview shows how black text looks on a background with the XYZ color 60.8752, 58.3868, 82.1901.



This preview shows how white text looks on a background with the XYZ color 60.8752, 58.3868,

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

60.8752, 58.3868, 82.1901

Protanopia

57.6371, 58.3321, 85.3122

Deuteranopia

59.8952, 58.5469, 82.2726



Tritanopia

58.4283, 58.3876, 70.4778

Trichromacy



Original Color

60.8752, 58.3868, 82.1901

Protanomaly

58.8889, 58.3153, 84.4961

Deuteranomaly

60.2363, 58.3890, 82.2241

Tritanomaly

59.2588, 58.3907, 74.4769

Monochromacy



Original Color

60.8752, 58.3868, 82.1901

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3966, 59.3780, 71.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8752, 58.3868, 82.1901 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(213, 194, 229)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 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(213, 194, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.8752, 58.3868, 82.1901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

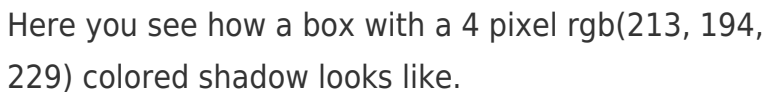
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 194, 229) }
```


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

```
.border{ border-color:rgb(213, 194, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 194, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 194, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 194, 229); box-shadow:4px 4px 4px 4px rgb(213, 194, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8752, 58.3868, 82.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 229) }
```

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

```
.background{ background-color: rgb(213,  
194, 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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