

Converting Colors

XYZ(60.8919, 57.0928, 83.4127)

Have a look what the booklet for
XYZ(60.8919, 57.0928, 83.4127)
contains.

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Color

**XYZ(60.8616, 57.0435,
83.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BEE7
RGB	215, 190, 231
RGB Percent	84%, 75%, 91%
CMY	0.1569, 0.2549, 0.0941
CMYK	0.07, 0.18, 0.00, 0.09
HSL	277°, 46%, 83%
HSV	277°, 18%, 91%
XYZ	60.8616, 57.0435, 83.4041
YIQ	202.1490, 1.7390, 18.0510

Conversions

Conversions Part 2

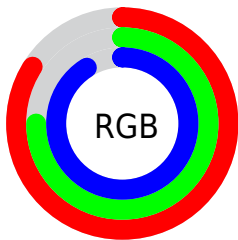
Format	Color
R _Y B	215, 190, 231
Decimal	14139111
CIE Lab	80.20, 16.29, -17.13
CIE LCh	80, 23.635, 313.565
Yxy	57.0435, 0.3023, 0.2834
Android (android.graphics.Color)	4292329191 (0xFFD7BEE7)
YUV	202.1490, 14.2235, 11.2703
Hunter-Lab	75.5271, 11.6671, -12.6045

Details

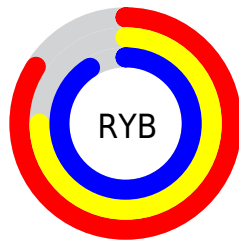
The XYZ color **60.8616, 57.0435, 83.4041** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.3258, 73.9929, 59.6624**, and the grayscale version is **56.1467, 59.0707, 64.3280**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **31.1807, 28.4600, 44.4074** is the 20% darker color. If you saturate the color by 10%, you get **53.6751, 46.4920, 81.7471**, and if you desaturate by 10%, it is **68.9904, 69.2609, 85.3347**.

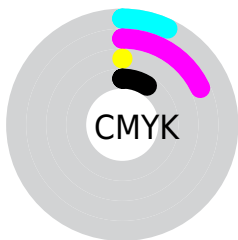
Distribution



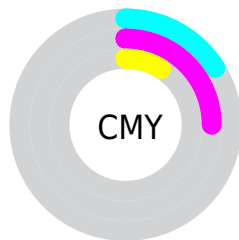
- Red (84%)
- Green (75%)
- Blue (91%)



- Red (84%)
- Yellow (75%)
- Blue (91%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8616, 57.0435, 83.4041 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 60.8616, 57.0435, 83.4041 by changing the saturation by 10% instead.

60.8616, 57.0435,
83.4041

60.8616, 57.0435,
83.4041

417.5504,
413.6123, 526.3385

44.3656, 41.0402,
61.9810

105.1778,
100.5287, 139.9956

31.1572, 28.3505,
44.5817

133.7286,
128.7793, 176.0011

20.8710, 18.5900,
30.7875

167.0285,
161.8811, 217.7044

13.1416, 11.3744,
20.1800

205.4428,
200.2185, 265.5243

7.6038, 6.3193,
12.3406

249.3367,
244.1760, 319.8790

3.8922, 3.0402,
6.8507

299.0757,

1.6413, 1.1527,

294.1378, 381.1873

3.2919

355.0252,
350.4885, 449.8676

■ 0.4191, 0.0226,
1.2455

■ 0.0000, 0.0000,
0.0165

■ 60.8616, 57.0435,
83.4041

■ 60.8616, 57.0435,
83.4041

■ 53.6751, 46.4920,
81.7471

■ 68.9904, 69.2609,
85.3347

■ 47.3862, 37.5234,
80.3475

■ 78.0933, 83.2077,
87.5470

■ 41.9538, 30.0584,
79.1929

■ 86.8181, 96.1752,
89.5901

■ 37.3316, 24.0078,
78.2686

■ 89.9901, 97.8104,
89.7385

■ 33.4682, 19.2726,
77.5582

■ 91.4240, 98.5496,
89.8056

■ 30.3056, 15.7405,
77.0432

■ 27.7759, 13.2799,
76.7016

■ 25.7875, 11.7116,
76.5036

■ 25.3830, 11.4192,
76.4685

Harmonies

Analogous

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



56.4218, 57.0435, 91.6612



60.8616, 57.0435, 83.4041



63.6051, 57.0435, 69.9297

Triad

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



60.8616, 57.0435, 83.4041



56.8837, 57.0435, 39.9665



45.6960, 57.0435, 68.5485

Complementary

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



60.8616, 57.0435, 83.4041



63.3258, 73.9929, 59.6624

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.



45.8034, 57.0435, 54.8974



60.8616, 57.0435, 83.4041



52.0727, 57.0435, 39.7105

Square

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



60.8616, 57.0435, 83.4041



61.2170, 57.0435, 45.5506



48.0766, 57.0435, 44.7900



47.7742, 57.0435, 82.2646

Rectangle

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



60.8616, 57.0435, 83.4041



64.0074, 57.0435, 60.4744



48.0766, 57.0435, 44.7900



45.4816, 57.0435, 63.7762

Sweetspot

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



60.8633, 57.0459, 83.4053



89.3096, 91.2016, 107.5043



57.8289, 61.0544, 84.3390



18.9486, 19.2658, 22.9699



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.



60.8633, 57.0459, 83.4053



73.0067, 66.7130, 103.6368



65.2214, 59.3587, 80.6217



14.4221, 14.3198, 18.1482



14.3730, 6.4754, 42.8755



1.1655, 0.5318, 3.1732

Inverse Universe

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



62.5110, 58.2746, 66.3486



75.4633, 68.5361, 78.6039



59.5620, 72.0000, 61.8586



14.6087, 14.4607, 16.1398



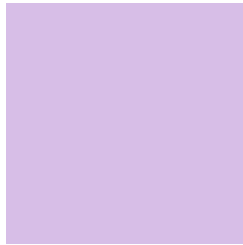
19.5699, 9.9622, 6.6300



1.4906, 0.7540, 0.7243

Previews

White Background



This preview shows how the XYZ color 60.8616, 57.0435, 83.4041 looks on a white background.

Color Contrast Check

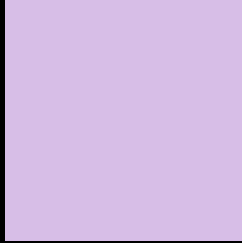
Large Text (above 18pt) WCAG AA × Fail

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 60.8616, 57.0435, 83.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

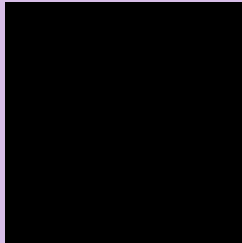
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8616, 57.0435, 83.4041

Background



This preview shows how black text looks on a background with the XYZ color 60.8616, 57.0435, 83.4041.



This preview shows how white text looks on a background with the XYZ color 60.8616, 57.0435,

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

60.8616, 57.0435, 83.4041

Protanopia

56.5924, 57.0650, 87.3888

Deuteranopia

58.2033, 56.9933, 82.7961



Tritanopia

57.9518, 57.1841, 68.3048

Trichromacy



Original Color

60.8616, 57.0435, 83.4041

Protanomaly

57.9625, 56.8034, 85.7511

Deuteranomaly

59.0850, 57.1185, 82.7738

Tritanomaly

59.0349, 57.2958, 73.5934

Monochromacy



Original Color

60.8616, 57.0435, 83.4041

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.9365, 58.4577, 71.1807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8616, 57.0435, 83.4041 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(215, 190, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 231)  
}
```

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(215, 190, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.8616, 57.0435, 83.4041 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(215, 190, 231) }
```


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

```
.border{ border-color:rgb(215, 190, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 190, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 190, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 190, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 190,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8616, 57.0435, 83.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 231) }
```

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

```
.background{ background-color: rgb(215,  
190, 231) }
```

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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