

Converting Colors

XYZ(57.7480, 50.3421, 84.9680)

Have a look what the booklet for
XYZ(57.7480, 50.3421, 84.9680)
contains.

XYZ(57.6705, 50.1814, 85.2437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.6705, 50.1814,
85.2437)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ADEB
RGB	214, 173, 235
RGB Percent	84%, 68%, 92%
CMY	0.1608, 0.3216, 0.0784
CMYK	0.09, 0.26, 0.00, 0.08
HSL	280°, 61%, 80%
HSV	280°, 26%, 92%
XYZ	57.6705, 50.1814, 85.2437
YIQ	192.3270, 4.5340, 27.9740

Conversions

Conversions Part 2

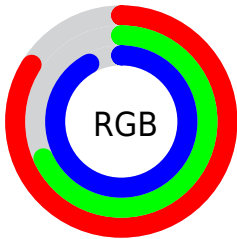
Format	Color
R _{YB}	214, 173, 235
Decimal	14069227
CIE Lab	76.18, 25.96, -25.40
CIE LCh	76, 36.321, 315.631
Yxy	50.1814, 0.2987, 0.2599
Android (android.graphics.Color)	4292259307 (0xFFD6ADEB)
YUV	192.3270, 21.0378, 19.0072
Hunter-Lab	70.8388, 21.3504, -21.7593

Details

The XYZ color **57.6705, 50.1814, 85.2437** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.5010, 73.9044, 50.6664**, and the grayscale version is **50.1743, 52.7873, 57.4854**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **29.1512, 24.0585, 45.7552** is the 20% darker color. If you saturate the color by 10%, you get **51.2883, 40.7809, 83.7664**, and if you desaturate by 10%, it is **64.9620, 61.2297, 86.9927**.

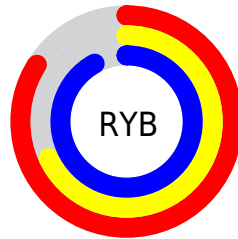
Distribution



Red (84%)

Green (68%)

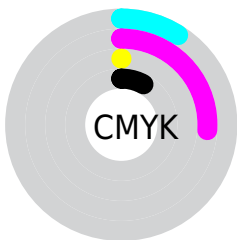
Blue (92%)



Red (84%)

Yellow (68%)

Blue (92%)

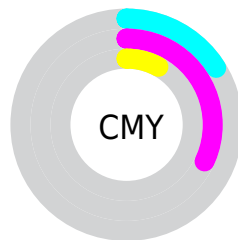


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (16%)


Magenta (32%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6705, 50.1814, 85.2437 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 57.6705, 50.1814, 85.2437 by changing the saturation by 10% instead.


 57.6705, 50.1814,
85.2437

 57.6705, 50.1814,
85.2437


405.9307,
387.3749, 532.5997

 41.7860, 35.5576,
63.4915

 100.5686, 90.4436,
142.5908

 29.1242, 24.0927,
45.7954


128.3130,
116.8507, 179.0227

 19.3195, 15.4024,
31.7369


160.7413,
147.9544, 221.1850

 12.0068, 9.1023,
20.8974

198.2190,
184.1390, 269.4961

 6.8205, 4.8080,
12.8585

241.1115,
225.7890, 324.3745

 3.3954, 2.1350,
7.2016

289.7840,

 1.3662, 0.6842,

273.2887, 386.2389

3.5082

344.6020,
327.0225, 455.5078

■ 0.2319, 0.0000,
1.3596

■ 0.0000, 0.0000,
0.1099

■ 57.6705, 50.1814,
85.2437

■ 57.6705, 50.1814,
85.2437

■ 51.2883, 40.7809,
83.7664

■ 64.9620, 61.2297,
86.9927

■ 45.7673, 32.9380,
82.5435

■ 73.1980, 73.9971,
89.0230

■ 41.0624, 26.5633,
81.5611

■ 82.4175, 88.5586,
91.3477

■ 37.1216, 21.5557,
80.8022

■ 88.7059, 97.0824,
92.6615

■ 33.8866, 17.8007,
80.2479

■ 91.5558, 98.5515,
92.7949

■ 31.2890, 15.1647,
79.8760

■ 91.9955, 98.7782,
92.8155

■ 29.2441, 13.4807,
79.6588

■ 28.5905, 13.0067,
79.6017

Harmonies

Analogous

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



51.3077, 50.1814, 99.2361



57.6705, 50.1814, 85.2437



61.5220, 50.1814, 64.4729

Triad

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



57.6705, 50.1814, 85.2437



51.0162, 50.1814, 25.7913



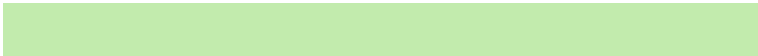
36.1759, 50.1814, 65.3664

Complementary

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



57.6705, 50.1814, 85.2437



59.5010, 73.9044, 50.6664

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.



36.1139, 50.1814, 45.8596



57.6705, 50.1814, 85.2437



44.2578, 50.1814, 25.9209

Square

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



57.6705, 50.1814, 85.2437



57.4397, 50.1814, 31.9970



38.9433, 50.1814, 32.4069



39.1215, 50.1814, 86.0304

Rectangle

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



57.6705, 50.1814, 85.2437



61.9330, 50.1814, 51.0454



38.9433, 50.1814, 32.4069



35.8272, 50.1814, 58.3974

Sweetspot

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



57.6721, 50.1835, 85.2448



86.3873, 86.3808, 106.7278



51.6788, 53.7804, 86.2549



18.1601, 17.9742, 22.7622



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.



57.6721, 50.1835, 85.2448



64.8629, 53.6504, 101.5447



62.8923, 53.0258, 78.6572



15.1906, 15.0435, 19.0253



16.0534, 7.3117, 44.3082



1.3625, 0.6267, 3.4840

Inverse Universe

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



58.9438, 51.4464, 57.8646



66.8076, 55.5197, 62.4777



55.4182, 71.6920, 55.3380



15.2760, 15.1382, 16.7386



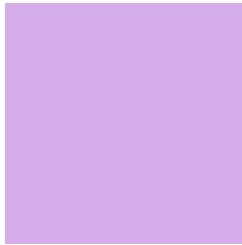
19.9189, 10.1702, 5.3740



1.6076, 0.8160, 0.6510

Previews

White Background



This preview shows how the XYZ color 57.6705, 50.1814, 85.2437 looks on a white background.

Color Contrast Check

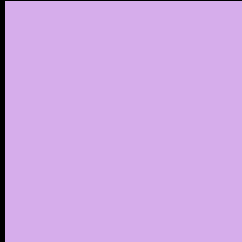
Large Text (above 18pt) WCAG AA × Fail

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 57.6705, 50.1814, 85.2437 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 57.6705, 50.1814, 85.2437

Background



This preview shows how black text looks on a background with the XYZ color 57.6705, 50.1814, 85.2437.



This preview shows how white text looks on a background with the XYZ color 57.6705, 50.1814,

85.2437.

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

57.6705, 50.1814, 85.2437

Protanopia

51.1216, 50.5337, 92.6475

Deuteranopia

51.6156, 50.3545, 84.0898



Tritanopia

52.3866, 50.3978, 58.5964

Trichromacy



Original Color

57.6705, 50.1814, 85.2437

Protanomaly

53.1401, 50.0900, 90.0866

Deuteranomaly

53.6782, 50.1851, 84.6995

Tritanomaly

54.1316, 50.1956, 67.8084

Monochromacy



Original Color

57.6705, 50.1814, 85.2437

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.5535, 51.5314, 66.8512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6705, 50.1814, 85.2437 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(214, 173, 235)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 235)  
}
```

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(214, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 235) }
```

Border

The CSS property to change the border of an element to XYZ 57.6705, 50.1814, 85.2437 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(214, 173, 235) }
```


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

```
.border{ border-color:rgb(214, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6705, 50.1814, 85.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 235) }
```

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

```
.background{ background-color: rgb(214,  
173, 235) }
```

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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