

Converting Colors

XYZ(57.1392, 50.3557, 86.8477)

Have a look what the booklet for
XYZ(57.1392, 50.3557, 86.8477)
contains.

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Color

**XYZ(57.1944, 50.4760,
86.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AFED
RGB	210, 175, 237
RGB Percent	82%, 69%, 93%
CMY	0.1765, 0.3137, 0.0706
CMYK	0.11, 0.26, 0.00, 0.07
HSL	274°, 63%, 81%
HSV	274°, 26%, 93%
XYZ	57.1944, 50.4760, 86.8491
YIQ	192.5330, 0.9580, 26.7020

Conversions

Conversions Part 2

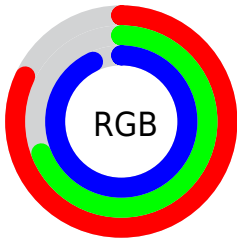
Format	Color
R_{YB}	210, 175, 237
Decimal	13807597
CIE _{Lab}	76.36, 24.02, -26.24
CIE _{LCh}	76, 35.573, 312.473
Yxy	50.4760, 0.2940, 0.2595
Android (android.graphics.Color)	4291997677 (0xFFD2AFED)
YUV	192.5330, 21.9222, 15.3186
Hunter-Lab	71.0465, 19.3662, -22.7452

Details

The XYZ color **57.1944, 50.4760, 86.8491** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.3808, 76.2213, 51.9841**, and the grayscale version is **50.2912, 52.9103, 57.6193**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **28.8176, 24.2238, 46.8729** is the 20% darker color. If you saturate the color by 10%, you get **50.1362, 40.5813, 85.3120**, and if you desaturate by 10%, it is **65.2549, 62.0916, 88.6671**.

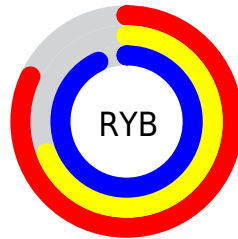
Distribution



Red (82%)

Green (69%)

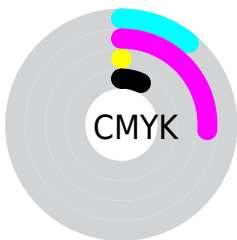
Blue (93%)



Red (82%)

Yellow (69%)

Blue (93%)

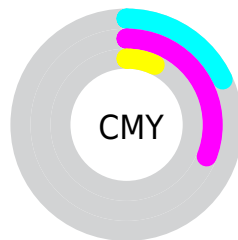


Cyan (11%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (18%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1944, 50.4760, 86.8491 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 57.1944, 50.4760, 86.8491 by changing the saturation by 10% instead.

■ 57.1944, 50.4760,
86.8491

■ 57.1944, 50.4760,
86.8491

404.1798,
388.5245, 538.0302

■ 41.4021, 35.7918,
64.8114

■ 99.8785, 90.8797,
144.8508

■ 28.8225, 24.2734,
46.8578

127.5010,
117.3680, 181.6519

■ 19.0902, 15.5366,
32.5697

159.7976,
148.5598, 224.2112

■ 11.8398, 9.1968,
21.5286

197.1337,
184.8394, 272.9473

■ 6.7061, 4.8698,
13.3160

239.8746,
226.5913, 328.2788

■ 3.3237, 2.1711,
7.5132

288.3857,

■ 1.3272, 0.7041,

274.1999, 390.6240

3.7018

343.0323,
328.0494, 460.4016

■ 0.2034, 0.0000,
1.4632

■ 0.0000, 0.0000,
0.1903

■ 57.1944, 50.4760,
86.8491

■ 57.1944, 50.4760,
86.8491

■ 50.1362, 40.5813,
85.3120

■ 65.2549, 62.0916,
88.6671

■ 44.0295, 32.3147,
84.0383

■ 74.3554, 75.5021,
90.7759

■ 38.8263, 25.5842,
83.0134

■ 84.5377, 90.7845,
93.1891

■ 34.4715, 20.2856,
82.2202

■ 90.9332, 98.1970,
94.2827

■ 30.9036, 16.3013,
81.6392

■ 92.2862, 98.8945,
94.3461

■ 28.0510, 13.4943,
81.2477

■ 25.8257, 11.6945,
81.0176

■ 25.0843, 11.1656,
80.9546

Harmonies

Analogous

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



50.8074, 50.4760, 99.3366



57.1944, 50.4760, 86.8491



61.3141, 50.4760, 66.8150

Triad

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



57.1944, 50.4760, 86.8491



51.9542, 50.4760, 26.7882



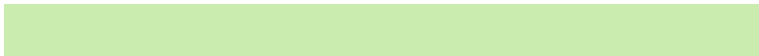
36.4825, 50.4760, 63.3045

Complementary

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



57.1944, 50.4760, 86.8491



62.3808, 76.2213, 51.9841

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.



36.7276, 50.4760, 44.5970



57.1944, 50.4760, 86.8491



45.2516, 50.4760, 26.2709

Square

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



57.1944, 50.4760, 86.8491



58.1008, 50.4760, 33.6523



39.8054, 50.4760, 32.0231



39.1014, 50.4760, 83.7701

Rectangle

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



57.1944, 50.4760, 86.8491



62.0057, 50.4760, 53.3860



39.8054, 50.4760, 32.0231



36.2402, 50.4760, 56.5642

Sweetspot

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



57.1960, 50.4781, 86.8502



85.6907, 86.0217, 106.6952



54.2994, 57.8950, 88.4345



17.9843, 17.8836, 22.7540



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.



57.1960, 50.4781, 86.8502



63.2550, 53.5565, 101.6113



65.0933, 54.6012, 84.8758



15.0449, 14.9684, 19.0185



13.8484, 6.1750, 44.2050



1.1975, 0.5416, 3.4763

Inverse Universe

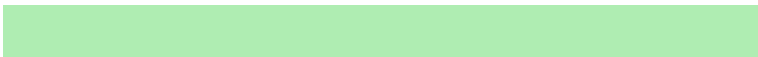
The Inverse Universe completely reimagines the original color for something new.



60.9173, 52.9308, 62.8851



68.4352, 56.9629, 68.6062



56.0110, 72.9020, 53.2938



15.3379, 15.1630, 17.0646



20.4734, 10.3921, 8.2944



1.6552, 0.8350, 0.9015

Previews

White Background



This preview shows how the XYZ color 57.1944, 50.4760, 86.8491 looks on a white background.

Color Contrast Check

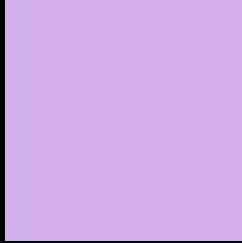
Large Text (above 18pt) WCAG AA × Fail

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 57.1944, 50.4760, 86.8491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

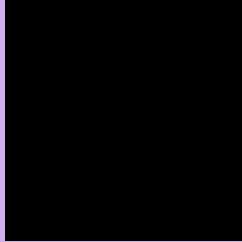
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1944, 50.4760, 86.8491

Background



This preview shows how black text looks on a background with the XYZ color 57.1944, 50.4760, 86.8491.



This preview shows how white text looks on a background with the XYZ color 57.1944, 50.4760,

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

57.1944, 50.4760, 86.8491

Protanopia

51.2739, 50.5946, 93.4495

Deuteranopia

51.8728, 50.7634, 85.6616



Tritanopia

51.9134, 50.7356, 59.8801

Trichromacy



Original Color

57.1944, 50.4760, 86.8491

Protanomaly

53.0047, 50.3058, 90.9207

Deuteranomaly

53.6565, 50.4413, 86.2650

Tritanomaly

53.6585, 50.5178, 69.2102

Monochromacy



Original Color

57.1944, 50.4760, 86.8491

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6207, 51.8634, 67.5588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1944, 50.4760, 86.8491 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(210, 175, 237)` looks like.

```
.text, #text, p{  
    color:rgb(210, 175, 237)  
}
```

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(210, 175, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 175, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.1944, 50.4760, 86.8491 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(210, 175, 237) }
```


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

```
.border{ border-color:rgb(210, 175, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 175, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 175, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 175, 237);  
box-shadow:4px 4px 4px 4px rgb(210, 175,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1944, 50.4760, 86.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 175, 237) }
```

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

```
.background{ background-color: rgb(210,  
175, 237) }
```

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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