

Converting Colors

XYZ(57.0808, 49.1681, 86.6037)

Have a look what the booklet for
XYZ(57.0808, 49.1681, 86.6037)
contains.

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Color

**XYZ(57.2895, 49.3864,
86.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ABED
RGB	213, 171, 237
RGB Percent	84%, 67%, 93%
CMY	0.1647, 0.3294, 0.0706
CMYK	0.10, 0.28, 0.00, 0.07
HSL	278°, 65%, 80%
HSV	278°, 28%, 93%
XYZ	57.2895, 49.3864, 86.6338
YIQ	191.0820, 3.8460, 29.4300

Conversions

Conversions Part 2

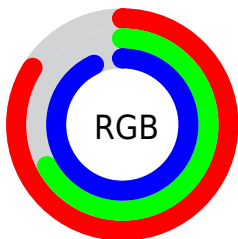
Format	Color
R_{YB}	213, 171, 237
Decimal	14003181
CIE _{Lab}	75.69, 27.14, -27.24
CIE _{LCh}	76, 38.451, 314.895
Yxy	49.3864, 0.2964, 0.2555
Android (android.graphics.Color)	4292193261 (0xFFD5ABED)
YUV	191.0820, 22.6376, 19.2221
Hunter-Lab	70.2755, 22.5336, -23.8984

Details

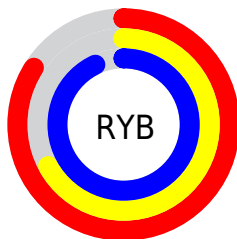
The XYZ color **57.2895, 49.3864, 86.6338** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.1423, 75.1120, 49.8587**, and the grayscale version is **49.4415, 52.0163, 56.6458**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **28.9195, 23.5622, 46.7398** is the 20% darker color. If you saturate the color by 10%, you get **50.7744, 39.9684, 85.1601**, and if you desaturate by 10%, it is **64.7432, 60.4822, 88.3834**.

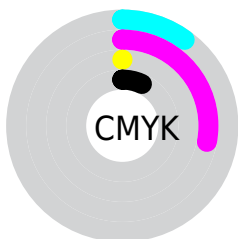
Distribution



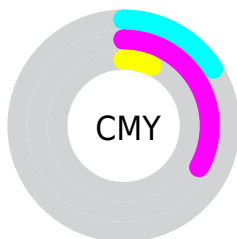
- Red (84%)
- Green (67%)
- Blue (93%)



- Red (84%)
- Yellow (67%)
- Blue (93%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (7%)





- Cyan (16%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2895, 49.3864, 86.6338 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 57.2895, 49.3864, 86.6338 by changing the saturation by 10% instead.


 57.2895, 49.3864,
86.6338

 57.2895, 49.3864,
86.6338


404.5299,
384.2615, 537.3037

 41.4788, 34.9261,
64.6343

 100.0164, 89.2651,
144.5480

 28.8827, 23.6060,
46.7152


127.6633,
115.4522, 181.2997

 19.1359, 15.0416,
32.4578


159.9862,
146.3171, 223.8060

 11.8731, 8.8486,
21.4437

197.3507,
182.2442, 272.4853

 6.7289, 4.6425,
13.2543

240.1219,
223.6177, 327.7562

 3.3380, 2.0391,
7.4711

288.6652,

 1.3349, 0.6300,

270.8222, 390.0372

3.6756

343.3461,
324.2420, 459.7468

■ 0.2091, 0.0000,
1.4491

■ 0.0000, 0.0000,
0.1796

■ 57.2895, 49.3864,
86.6338

■ 57.2895, 49.3864,
86.6338

■ 50.7744, 39.9684,
85.1601

■ 64.7432, 60.4822,
88.3834

■ 45.1482, 32.1351,
83.9446

■ 73.1725, 73.3301,
90.4190

■ 40.3636, 25.7938,
82.9728

■ 82.6180, 88.0071,
92.7542

■ 36.3662, 20.8391,
82.2272

■ 89.5719, 97.4952,
94.2190

■ 33.0949, 17.1517,
81.6878

■ 92.2862, 98.8945,
94.3461

■ 30.4775, 14.5910,
81.3315

■ 28.4168, 12.9658,
81.1264

■ 28.0147, 12.6763,
81.0917

Harmonies

Analogous

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



50.5508, 49.3864, 101.3039



57.2895, 49.3864, 86.6338



61.4488, 49.3864, 64.6602

Triad

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



57.2895, 49.3864, 86.6338



50.6018, 49.3864, 24.0908



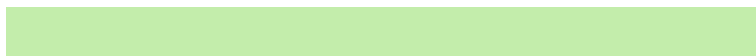
34.9059, 49.3864, 64.5029

Complementary

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



57.2895, 49.3864, 86.6338



60.1423, 75.1120, 49.8587

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.



34.9166, 49.3864, 44.1828



57.2895, 49.3864, 86.6338



43.5060, 49.3864, 24.0690

Square

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



57.2895, 49.3864, 86.6338



57.3301, 49.3864, 30.5615



37.9191, 49.3864, 30.4917



37.8883, 49.3864, 86.4939

Rectangle

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



57.2895, 49.3864, 86.6338



61.9569, 49.3864, 50.4944



37.9191, 49.3864, 30.4917



34.5701, 49.3864, 57.1914

Sweetspot

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



57.2911, 49.3885, 86.6349



86.2072, 86.2879, 106.7194



51.6425, 53.8943, 87.8023



18.1146, 17.9508, 22.7601



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.



57.2911, 49.3885, 86.6349



63.4490, 52.2003, 101.3393



63.5208, 52.7449, 80.3784



15.1529, 15.0241, 19.0235



15.4438, 6.9975, 44.2796



1.3176, 0.6035, 3.4819

Inverse Universe

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



59.3400, 51.0726, 58.3625



66.3703, 54.5675, 62.5712



55.2984, 72.5147, 54.1577



15.2919, 15.1446, 16.8222



20.0464, 10.2212, 6.0456



1.6189, 0.8205, 0.7105

Previews

White Background



This preview shows how the XYZ color 57.2895, 49.3864, 86.6338 looks on a white background.

Color Contrast Check

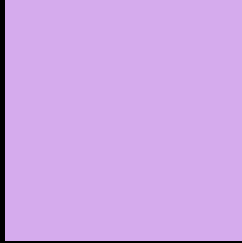
Large Text (above 18pt) WCAG AA × Fail

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 57.2895, 49.3864, 86.6338 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 57.2895, 49.3864, 86.6338

Background



This preview shows how black text looks on a background with the XYZ color 57.2895, 49.3864, 86.6338.



This preview shows how white text looks on a background with the XYZ color 57.2895, 49.3864,

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

57.2895, 49.3864, 86.6338

Protanopia

50.5066, 49.5424, 94.8964

Deuteranopia

50.7513, 49.5684, 85.4900



Tritanopia

51.1993, 49.2123, 57.2525

Trichromacy



Original Color

57.2895, 49.3864, 86.6338

Protanomaly

52.5475, 49.1504, 91.5114

Deuteranomaly

52.9986, 49.5028, 86.1185

Tritanomaly

53.3285, 49.2094, 67.0093

Monochromacy



Original Color

57.2895, 49.3864, 86.6338

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.0788, 50.9772, 66.7692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2895, 49.3864, 86.6338 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, 171, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 171, 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(213, 171, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 171, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.2895, 49.3864, 86.6338 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, 171, 237) }
```


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

```
.border{ border-color:rgb(213, 171, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 171, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 171, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 171, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 171,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2895, 49.3864, 86.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 171, 237) }
```

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

```
.background{ background-color: rgb(213,  
171, 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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