

Converting Colors

XYZ(57.0203, 45.7458, 87.4859)

Have a look what the booklet for
XYZ(57.0203, 45.7458, 87.4859)
contains.

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Color

**XYZ(57.0203, 45.7458,
87.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9EEF
RGB	219, 158, 239
RGB Percent	86%, 62%, 94%
CMY	0.1412, 0.3804, 0.0627
CMYK	0.08, 0.34, 0.00, 0.06
HSL	285°, 72%, 78%
HSV	285°, 34%, 94%
XYZ	57.0203, 45.7458, 87.4859
YIQ	185.4730, 10.3550, 38.1230

Conversions

Conversions Part 2

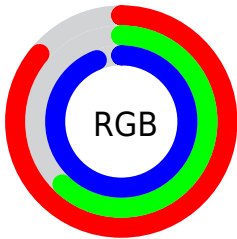
Format	Color
R _{YB}	219, 158, 239
Decimal	14393071
CIE _{Lab}	73.38, 36.44, -31.83
CIE _{LCh}	73, 48.381, 318.862
Yxy	45.7458, 0.2997, 0.2404
Android (android.graphics.Color)	4292583151 (0xFFDB9EEF)
YUV	185.4730, 26.3888, 29.4032
Hunter-Lab	67.6356, 32.1222, -29.3460

Details

The XYZ color **57.0203, 45.7458, 87.4859** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **55.3996, 73.6677, 43.6493**, and the grayscale version is **46.2323, 48.6400, 52.9689**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **28.8055, 21.5135, 47.4340** is the 20% darker color. If you saturate the color by 10%, you get **51.5895, 37.4724, 86.1759**, and if you desaturate by 10%, it is **63.3098, 55.6410, 89.0651**.

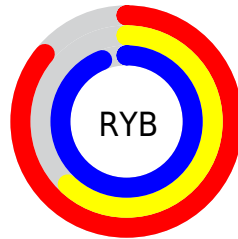
Distribution



Red (86%)

Green (62%)

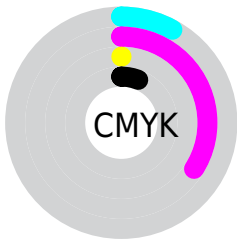
Blue (94%)



Red (86%)

Yellow (62%)

Blue (94%)

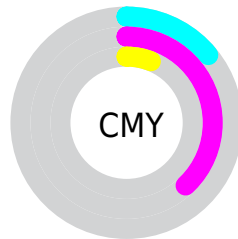


Cyan (8%)

Magenta (34%)

Yellow (0%)

Black (6%)



Cyan (14%)


Magenta (38%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0203, 45.7458, 87.4859 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 57.0203, 45.7458, 87.4859 by changing the saturation by 10% instead.


 57.0203, 45.7458,
87.4859


 57.0203, 45.7458,
87.4859


403.5383,
369.7857, 540.1758

 41.2617, 32.0453,
65.3355

 99.6260, 83.8384,
145.7460

 28.7122, 21.3961,
47.2801

 127.2038,
108.9993, 182.6928

 19.0064, 13.4138,
32.9012


159.4522,
138.7492, 225.4088

 11.7790, 7.7141,
21.7803

196.7363,
173.4723, 274.3126

 6.6645, 3.9126,
13.4988

239.4217,
213.5531, 329.8226

 3.2976, 1.6248,
7.6381

287.8735,

 1.3130, 0.3742,

259.3760, 392.3575

3.7799

342.4573,
311.3254, 462.3357

■ 0.1929, 0.0000,
1.5054

■ 0.0000, 0.0000,
0.2219

■ 57.0203, 45.7458,
87.4859

■ 57.0203, 45.7458,
87.4859

■ 51.5895, 37.4724,
86.1759

■ 63.3098, 55.6410,
89.0651

■ 46.9661, 30.7223,
85.1167

■ 70.4964, 67.2372,
90.9246

■ 43.1000, 25.3953,
84.2922

■ 78.6217, 80.6155,
93.0786

■ 39.9333, 21.3765,
83.6834

■ 87.7233, 95.8501,
95.5395

■ 37.3990, 18.5331,
83.2682

■ 90.2319, 97.8015,
95.7839

■ 35.4156, 16.7030,
83.0195

■ 92.3631, 98.9002,
95.8837

■ 34.3999, 15.9340,
82.9246

■ 92.5801, 99.0121,
95.8938

Harmonies

Analogous

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



48.9936, 45.7458, 108.6986



57.0203, 45.7458, 87.4859



61.6139, 45.7458, 59.4326

Triad

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



57.0203, 45.7458, 87.4859



46.7218, 45.7458, 16.5028



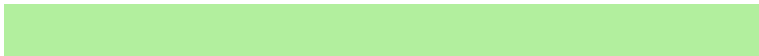
29.7480, 45.7458, 66.5672

Complementary

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



57.0203, 45.7458, 87.4859



55.3996, 73.6677, 43.6493

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.



29.3068, 45.7458, 41.2854



57.0203, 45.7458, 87.4859



38.3964, 45.7458, 17.2984

Square

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



57.0203, 45.7458, 87.4859



55.1714, 45.7458, 22.1735



32.2733, 45.7458, 24.8819



33.5693, 45.7458, 94.1532

Rectangle

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



57.0203, 45.7458, 87.4859



61.7565, 45.7458, 42.9263



32.2733, 45.7458, 24.8819



29.2200, 45.7458, 57.3916

Sweetspot

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



57.0218, 45.7477, 87.4869



85.1693, 83.6211, 106.2593



45.6525, 45.4435, 88.0274



17.9518, 17.4423, 22.6705



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.



57.0218, 45.7477, 87.4869



61.4006, 45.8651, 100.2244



60.5781, 47.9076, 72.9010



16.0508, 15.8234, 19.9299



19.1353, 8.8700, 45.8314



1.6813, 0.7840, 3.8169

Inverse Universe

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



55.8608, 46.0207, 48.0600



60.0810, 46.3617, 46.9938



53.0296, 72.2277, 53.3996



15.9328, 15.8228, 17.2026



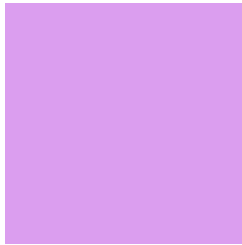
20.1516, 10.3331, 3.4487



1.7147, 0.8749, 0.4887

Previews

White Background



This preview shows how the XYZ color 57.0203, 45.7458, 87.4859 looks on a white background.

Color Contrast Check

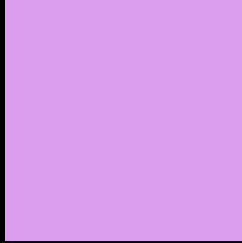
Large Text (above 18pt) WCAG AA × Fail

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 57.0203, 45.7458, 87.4859 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 57.0203, 45.7458, 87.4859

Background



This preview shows how black text looks on a background with the XYZ color 57.0203, 45.7458, 87.4859.



This preview shows how white text looks on a background with the XYZ color 57.0203, 45.7458,

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

57.0203, 45.7458, 87.4859

Protanopia

47.7144, 46.1646, 100.1618

Deuteranopia

47.0797, 45.8775, 84.9711



Tritanopia

49.5992, 45.6437, 50.9957

Trichromacy



Original Color

57.0203, 45.7458, 87.4859



Protanomaly

50.4842, 45.6687, 95.7767



Deuteranomaly

50.0086, 45.3704, 85.4785



Tritanomaly

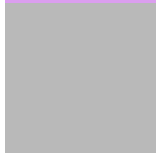
51.9662, 45.5182, 62.5469

Monochromacy



Original Color

57.0203, 45.7458, 87.4859



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.3754, 46.9380, 64.2152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0203, 45.7458, 87.4859 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(219, 158, 239)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 239)  
}
```

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(219, 158, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 239) }
```

Border

The CSS property to change the border of an element to XYZ 57.0203, 45.7458, 87.4859 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(219, 158, 239) }
```


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

```
.border{ border-color:rgb(219, 158, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 158, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 239);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0203, 45.7458, 87.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 158, 239) }
```

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

```
.background{ background-color: rgb(219,  
158, 239) }
```

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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