

Converting Colors

XYZ(70.5249, 50.9018,
170.8241)

Have a look what the booklet for
XYZ(70.5249, 50.9018, 170.8241)
contains.

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Color

**XYZ(57.1408, 45.5226,
100.3828)**

Conversions

Conversions Part 1

Format	Color
Hex	D39EFF
RGB	211, 158, 255
RGB Percent	83%, 62%, 100%
CMY	0.1725, 0.3804, 0.0000
CMYK	0.17, 0.38, 0.00, 0.00
HSL	273°, 100%, 81%
HSV	273°, 38%, 100%
XYZ	57.1408, 45.5226, 100.3828
YIQ	184.9050, 0.4510, 41.4030

Conversions

Conversions Part 2

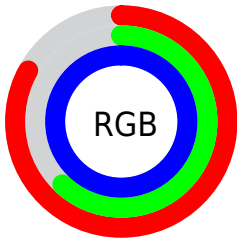
Format	Color
RYB	211, 158, 255
Decimal	13868799
CIELab	73.23, 37.36, -40.80
CIELCh	73, 55.323, 312.480
Yxy	45.5226, 0.2814, 0.2242
Android (android.graphics.Color)	4292058879 (0xFFD39EFF)
YUV	184.9050, 34.5568, 22.8853
Hunter-Lab	67.4704, 33.0986, -40.9826

Details

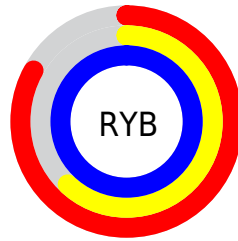
The XYZ color **57.1408, 45.5226, 100.3828** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.2895, 86.5456, 45.5608**, and the grayscale version is **45.8765, 48.2657, 52.5613**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **28.8646, 21.3538, 56.0265** is the 20% darker color. If you saturate the color by 10%, you get **50.0387, 36.0614, 98.9310**, and if you desaturate by 10%, it is **65.3866, 56.9150, 102.1472**.

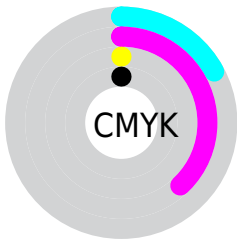
Distribution



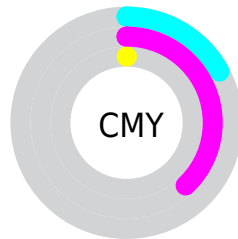
- Red (83%)
- Green (62%)
- Blue (100%)



- Red (83%)
- Yellow (62%)
- Blue (100%)



- Cyan (17%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1408, 45.5226, 100.3828 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 57.1408, 45.5226, 100.3828 by changing the saturation by 10% instead.


 57.1408, 45.5226,
100.3828


 57.1408, 45.5226,
100.3828


403.9824,
368.8860, 582.6764

 41.3589, 31.8693,
76.0016


 99.8008, 83.5041,
163.7396

 28.7885, 21.2617,
55.9272


 127.4095,
108.6010, 203.5523

 19.0644, 13.3154,
39.7409


159.6913,
138.2812, 249.3459

 11.8211, 7.6461,
27.0244

197.0114,
172.9292, 301.5389

 6.6933, 3.8693,
17.3589

239.7352,
212.9292, 360.5500

 3.3157, 1.6007,
10.3261

288.2280,

 1.3228, 0.3581,

258.6658, 426.7975

5.5073

342.8553,
310.5233, 500.7002

■ 0.2002, 0.0000,
2.4840

■ 0.0000, 0.0000,
0.8316

■ 57.1408, 45.5226,
100.3828

■ 57.1408, 45.5226,
100.3828

■ 50.0387, 36.0614,
98.9310

■ 65.3866, 56.9150,
102.1472

■ 44.0148, 28.4110,
97.7718

■ 74.8279, 70.3385,
104.2406

■ 39.0029, 22.4454,
96.8845

■ 85.5185, 85.8923,
106.6793

■ 34.9264, 18.0197,
96.2451

95.0500, 100.0000,
108.9000

■ 31.6958, 14.9630,
95.8253

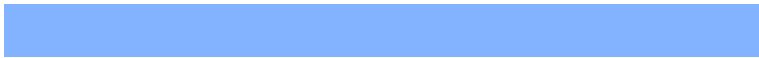
■ 29.1913, 13.0442,
95.5870

■ 28.7529, 12.7375,
95.5509

Harmonies

Analogous

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



47.4292, 45.5226, 122.2461



57.1408, 45.5226, 100.3828



63.6255, 45.5226, 67.4677

Triad

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



57.1408, 45.5226, 100.3828



49.1350, 45.5226, 14.0630



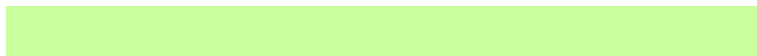
27.4791, 45.5226, 62.0425

Complementary

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



57.1408, 45.5226, 100.3828



66.2895, 86.5456, 45.5608

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.



27.7943, 45.5226, 35.1498



57.1408, 45.5226, 100.3828



39.3573, 45.5226, 13.5441

Square

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



57.1408, 45.5226, 100.3828



58.5494, 45.5226, 21.5155



31.8444, 45.5226, 19.6654



30.9075, 45.5226, 95.1550

Rectangle

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



57.1408, 45.5226, 100.3828



64.7291, 45.5226, 47.2882



31.8444, 45.5226, 19.6654



27.1673, 45.5226, 51.9165

Sweetspot

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



57.1423, 45.5244, 100.3831



82.2183, 81.0570, 105.9199



53.5709, 57.3285, 102.8498



17.2829, 16.8896, 22.5991



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.



57.1423, 45.5244, 100.3831



51.3965, 37.8386, 99.2024



71.0013, 52.7287, 98.3373



17.9517, 17.8668, 22.7524



15.1985, 6.7456, 49.9356



1.6058, 0.7217, 4.8679

Inverse Universe

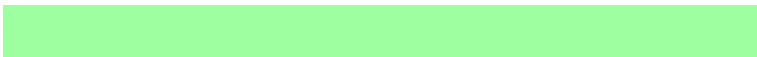
The Inverse Universe completely reimagines the original color for something new.



64.1285, 49.9795, 62.1453



59.6793, 43.1085, 54.4122



56.3154, 81.3711, 46.5662



18.3520, 18.1241, 20.4706



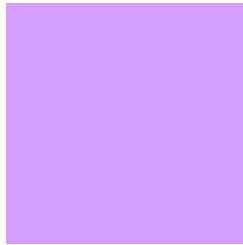
23.2590, 11.7929, 10.0141



2.3189, 1.1699, 1.2606

Previews

White Background



This preview shows how the XYZ color 57.1408, 45.5226, 100.3828 looks on a white background.

Color Contrast Check

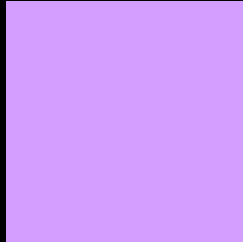
Large Text (above 18pt) WCAG AA × Fail

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 57.1408, 45.5226, 100.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

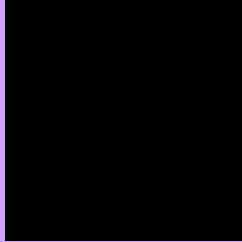
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1408, 45.5226, 100.3828

Background



This preview shows how black text looks on a background with the XYZ color 57.1408, 45.5226, 100.3828.



This preview shows how white text looks on a background with the XYZ color 57.1408, 45.5226,

100.3828.

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

57.1408, 45.5226, 100.3828

Protanopia

47.4880, 46.0294, 100.9894

Deuteranopia

47.0433, 45.8737, 97.6419



Tritanopia

47.4349, 45.3296, 52.7038

Trichromacy



Original Color

57.1408, 45.5226, 100.3828



Protanomaly

50.2921, 45.4598, 100.7317



Deuteranomaly

50.0381, 45.3842, 98.2182

Tritanomaly

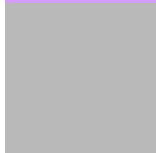
50.4784, 45.1780, 67.6877

Monochromacy



Original Color

57.1408, 45.5226, 100.3828



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.2110, 46.7824, 67.4090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1408, 45.5226, 100.3828 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(211, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 158, 255)  
}
```

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(211, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1408, 45.5226, 100.3828 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(211, 158, 255) }
```


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

```
.border{ border-color:rgb(211, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1408, 45.5226, 100.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 158, 255) }
```

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

```
.background{ background-color: rgb(211,  
158, 255) }
```

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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