

Converting Colors

XYZ(63.9373, 45.4125,
100.0034)

Have a look what the booklet for
XYZ(63.9373, 45.4125, 100.0034)
contains.

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Color

**XYZ(63.8076, 45.3902,
100.0059)**

Conversions

Conversions Part 1

Format	Color
Hex	F08FFF
RGB	240, 143, 255
RGB Percent	94%, 56%, 100%
CMY	0.0588, 0.4392, 0.0000
CMYK	0.06, 0.44, 0.00, 0.00
HSL	292°, 100%, 78%
HSV	292°, 44%, 100%
XYZ	63.8076, 45.3902, 100.0059
YIQ	184.7710, 21.8600, 55.3960

Conversions

Conversions Part 2

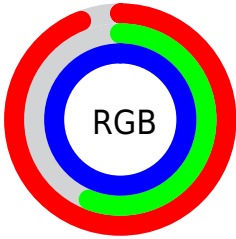
Format	Color
R _Y B	240, 143, 255
Decimal	15765503
CIE Lab	73.15, 53.55, -40.71
CIE LCh	73, 67.263, 322.758
Yxy	45.3902, 0.3050, 0.2170
Android (android.graphics.Color)	4293955583 (0xFFFF08FFF)
YUV	184.7710, 34.6229, 48.4358
Hunter-Lab	67.3722, 51.1542, -40.8482

Details

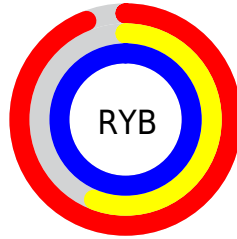
The XYZ color **63.8076, 45.3902, 100.0059** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.8196, 80.7728, 38.6902**, and the grayscale version is **45.7937, 48.1785, 52.4664**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **33.0568, 21.1671, 55.7694** is the 20% darker color. If you saturate the color by 10%, you get **59.2576, 37.9942, 98.8181**, and if you desaturate by 10%, it is **69.2523, 54.5412, 101.4852**.

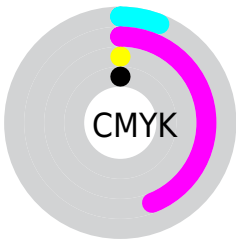
Distribution



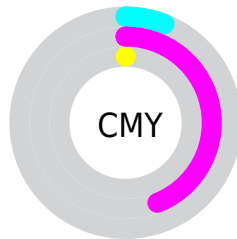
- Red (94%)
- Green (56%)
- Blue (100%)



- Red (94%)
- Yellow (56%)
- Blue (100%)



- Cyan (6%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8076, 45.3902, 100.0059 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 63.8076, 45.3902, 100.0059 by changing the saturation by 10% instead.


 63.8076, 45.3902,
100.0059

 63.8076, 45.3902,
100.0059


428.1078,
368.3516, 581.4584

 46.7560, 31.7649,
75.6886


 109.4091, 83.3056,
163.2172

 33.0499, 21.1820,
55.6720


 138.6896,
108.3646, 202.9483

 22.3241, 13.2571,
39.5378

172.7772,
138.0035, 248.6544

 14.2132, 7.6058,
26.8673

212.0372,
172.6067, 300.7540

 8.3518, 3.8438,
17.2420

256.8348,
212.5588, 359.6656

 4.3745, 1.5866,
10.2434

307.5356,

 1.9161, 0.3485,

258.2440, 425.8079

5.4529

364.5048,
310.0468, 499.5993

■ 0.5862, 0.0000,
2.4521

■ 0.0000, 0.0000,
0.8146

■ 63.8076, 45.3902,
100.0059

■ 63.8076, 45.3902,
100.0059

■ 59.2576, 37.9942,
98.8181

■ 69.2523, 54.5412,
101.4852

■ 55.5380, 32.2278,
97.9012

■ 75.6414, 65.5495,
103.2733

■ 52.5830, 27.9586,
97.2328

■ 83.0263, 78.5167,
105.3870

■ 50.3145, 25.0303,
96.7872

■ 91.4533, 93.5351,
107.8417

■ 48.6370, 23.2525, 95.0500, 100.0000,
96.5325 108.9000

■ 47.8233, 22.5687,
96.4434

Harmonies

Analogous

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



52.5128, 45.3902, 136.6469



63.8076, 45.3902, 100.0059



69.7452, 45.3902, 58.0612

Triad

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



63.8076, 45.3902, 100.0059



46.0616, 45.3902, 8.9556



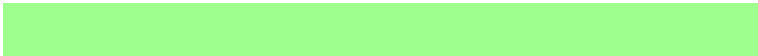
25.4412, 45.3902, 79.0100

Complementary

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



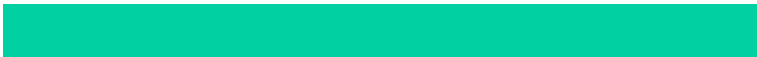
63.8076, 45.3902, 100.0059



54.8196, 80.7728, 38.6902

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.



24.3442, 45.3902, 41.6857



63.8076, 45.3902, 100.0059



34.9582, 45.3902, 10.4872

Square

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



63.8076, 45.3902, 100.0059



58.3565, 45.3902, 13.6746



27.5030, 45.3902, 19.6369



30.8325, 45.3902, 121.1589

Rectangle

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



63.8076, 45.3902, 100.0059



69.2251, 45.3902, 36.4341



27.5030, 45.3902, 19.6369



24.6036, 45.3902, 65.1796

Sweetspot

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



63.8090, 45.3921, 100.0062



83.7570, 79.8106, 105.5983



41.9156, 38.1340, 99.7592



17.5552, 16.4242, 22.4949



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.



63.8090, 45.3921, 100.0062



59.6404, 38.6043, 98.9157



63.4323, 45.8542, 70.3390



18.5393, 18.1698, 22.7799



25.0816, 11.8405, 50.3981



2.5055, 1.1856, 4.9101

Inverse Universe

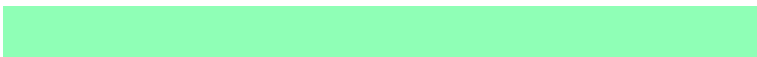
The Inverse Universe completely reimagines the original color for something new.



57.2351, 43.3753, 37.7050



52.5222, 36.4904, 28.3006



55.5532, 80.7459, 57.0239



18.1084, 18.0267, 19.1879



21.7309, 11.1817, 1.9676



2.1449, 1.1003, 0.3445

Previews

White Background



This preview shows how the XYZ color 63.8076, 45.3902, 100.0059 looks on a white background.

Color Contrast Check

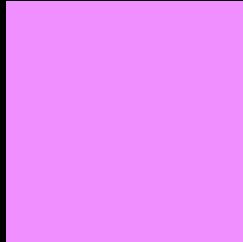
Large Text (above 18pt) WCAG AA × Fail

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 63.8076, 45.3902, 100.0059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

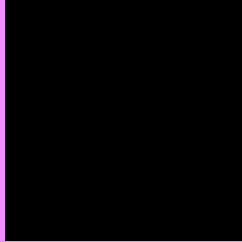
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.8076, 45.3902, 100.0059

Background



This preview shows how black text looks on a background with the XYZ color 63.8076, 45.3902, 100.0059.



This preview shows how white text looks on a background with the XYZ color 63.8076, 45.3902,

100.0059.

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

63.8076, 45.3902, 100.0059

Protanopia

47.2968, 45.9308, 100.9805

Deuteranopia

47.1198, 45.9494, 96.0082



Tritanopia

52.6979, 45.2037, 45.9921

Trichromacy



Original Color

63.8076, 45.3902, 100.0059



Protanomaly

51.5127, 44.4446, 100.4714



Deuteranomaly

51.6068, 44.5667, 97.1490

Tritanomaly

55.9394, 44.7466, 62.1886

Monochromacy



Original Color

63.8076, 45.3902, 100.0059



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

51.1844, 46.3817, 67.2276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8076, 45.3902, 100.0059 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(240, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 143, 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(240, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.8076, 45.3902, 100.0059 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(240, 143, 255) }
```


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

```
.border{ border-color:rgb(240, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8076, 45.3902, 100.0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 143, 255) }
```

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

```
.background{ background-color: rgb(240,  
143, 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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