

Converting Colors

XYZ(64.8630, 46.1330, 91.0739)

Have a look what the booklet for
XYZ(64.8630, 46.1330, 91.0739)
contains.

XYZ(64.8630, 46.1330, 91.0739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.8630, 46.1330,
91.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	F88FF4
RGB	248, 143, 244
RGB Percent	97%, 56%, 96%
CMY	0.0274, 0.4392, 0.0431
CMYK	0.00, 0.42, 0.02, 0.03
HSL	302°, 88%, 77%
HSV	302°, 42%, 97%
XYZ	64.8630, 46.1330, 91.0739
YIQ	185.9090, 30.1590, 53.6710

Conversions

Conversions Part 2

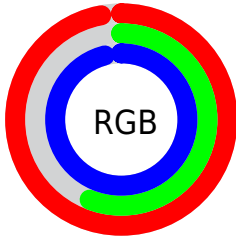
Format	Color
R _Y B	248, 143, 244
Decimal	16289780
CIE Lab	73.63, 53.86, -33.90
CIE LCh	74, 63.644, 327.812
Yxy	46.1330, 0.3210, 0.2283
Android (android.graphics.Color)	4294479860 (0xFFFF88FF4)
YUV	185.9090, 28.6389, 54.4538
Hunter-Lab	67.9213, 51.6005, -31.9555

Details

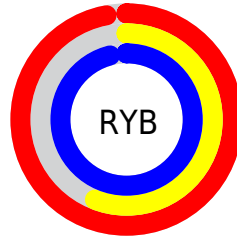
The XYZ color **64.8630, 46.1330, 91.0739** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.1635, 75.0827, 39.4549**, and the grayscale version is **46.4556, 48.8749, 53.2248**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **33.7772, 21.6798, 49.4181** is the 20% darker color. If you saturate the color by 10%, you get **61.4007, 39.4365, 89.2141**, and if you desaturate by 10%, it is **69.1519, 54.4796, 93.2138**.

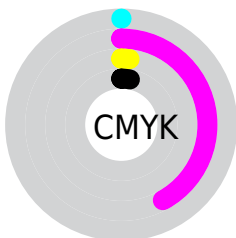
Distribution



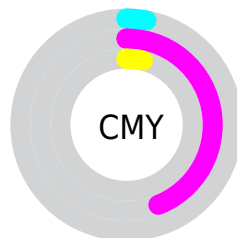
- Red (97%)
- Green (56%)
- Blue (96%)



- Red (97%)
- Yellow (56%)
- Blue (96%)



- Cyan (0%)
- Magenta (42%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8630, 46.1330, 91.0739 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 64.8630, 46.1330, 91.0739 by changing the saturation by 10% instead.


 64.8630, 46.1330,
91.0739


 64.8630, 46.1330,
91.0739


431.8525,
371.3431, 552.1780

 47.6143, 32.3508,
68.2930

 110.9197, 84.4180,
150.7777

 33.7315, 21.6296,
49.6679


 140.4584,
109.6896, 188.5377

 22.8493, 13.5850,
34.7803


174.8244,
139.5598, 232.1277

 14.6024, 7.8326,
23.2115

214.3831,
174.4129, 281.9664

 8.6253, 3.9880,
14.5430

259.5000,
214.6334, 338.4722

 4.5527, 1.6669,
8.3562

310.5402,

 2.0193, 0.4021,

260.6057, 402.0637

4.2327

367.8693,
312.7141, 473.1595

■ 0.6448, 0.0000,
1.7539

■ 0.0000, 0.0000,
0.3973

■ 64.8630, 46.1330,
91.0739

■ 64.8630, 46.1330,
91.0739

■ 61.4007, 39.4365,
89.2141

■ 69.1519, 54.4796,
93.2138

■ 58.7057, 34.2743,
87.6132


■ 74.3127, 64.5698,
95.6475


■ 56.7179, 30.5254,
86.2517


■ 80.3928, 76.4973,
98.3912


■ 55.3664, 28.0480,
85.1060


■ 87.4348, 90.3476,
101.4592


 54.5657, 26.6710,
84.1474


 91.5281, 98.2992,
103.5480

 54.2258, 26.1623,
83.5065

 91.6757, 98.3582,
104.3252

 91.8240, 98.4176,
105.1063

 91.9731, 98.4772,
105.8914

 92.1229, 98.5371,
106.6803

Harmonies

Analogous

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



54.7556, 46.1330, 127.5457



64.8630, 46.1330, 91.0739



69.2623, 46.1330, 52.6377

Triad

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



64.8630, 46.1330, 91.0739



44.6805, 46.1330, 10.2360



27.3384, 46.1330, 85.1073

Complementary

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



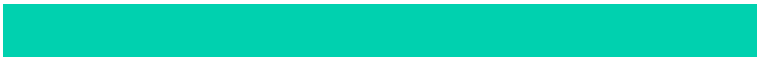
64.8630, 46.1330, 91.0739



50.1635, 75.0827, 39.4549

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.



25.5629, 46.1330, 47.8988



64.8630, 46.1330, 91.0739



34.4946, 46.1330, 12.9064

Square

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



64.8630, 46.1330, 91.0739



56.4342, 46.1330, 13.8879



27.9467, 46.1330, 23.8937



33.2879, 46.1330, 123.1865

Rectangle

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



64.8630, 46.1330, 91.0739



67.8841, 46.1330, 33.5380



27.9467, 46.1330, 23.8937



26.2835, 46.1330, 71.7073

Sweetspot

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



64.8645, 46.1351, 91.0749



85.1687, 80.5618, 104.6063



38.7110, 32.5814, 93.0568



17.9079, 16.6119, 22.2466



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.



64.8645, 46.1351, 91.0749



65.8296, 42.8195, 95.2746



58.0501, 43.4093, 55.1906



17.9628, 17.5125, 21.6598



29.3048, 14.1377, 45.1752



2.7228, 1.3129, 4.2297

Inverse Universe

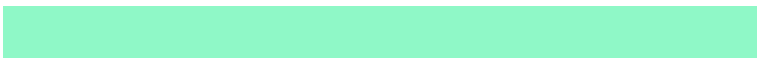
The Inverse Universe completely reimagines the original color for something new.



64.8645, 46.1351, 91.0749



65.8296, 42.8195, 95.2746



55.2058, 77.0996, 66.0070



17.9628, 17.5125, 21.6598



29.3048, 14.1377, 45.1752



2.7228, 1.3129, 4.2297

Previews

White Background



This preview shows how the XYZ color 64.8630, 46.1330, 91.0739 looks on a white background.

Color Contrast Check

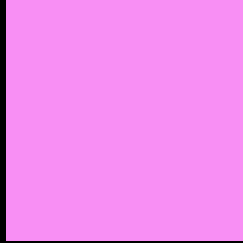
Large Text (above 18pt) WCAG AA × Fail

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 64.8630, 46.1330, 91.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

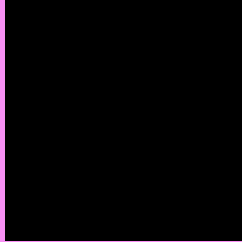
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8630, 46.1330, 91.0739

Background



This preview shows how black text looks on a background with the XYZ color 64.8630, 46.1330, 91.0739.



This preview shows how white text looks on a background with the XYZ color 64.8630, 46.1330,

91.0739.

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

64.8630, 46.1330, 91.0739

Protanopia

48.0747, 46.6283, 101.0741

Deuteranopia

47.5015, 46.3387, 87.3296



Tritanopia

55.3454, 46.0873, 44.5068

Trichromacy



Original Color

64.8630, 46.1330, 91.0739



Protanomaly

52.2840, 45.1846, 97.2326



Deuteranomaly

52.2093, 45.0719, 88.3861



Tritanomaly

58.2022, 45.7369, 59.1866

Monochromacy



Original Color

64.8630, 46.1330, 91.0739



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.9317, 46.8098, 65.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8630, 46.1330, 91.0739 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(248, 143, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 143, 244)  
}
```

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(248, 143, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 143, 244) }
```

Border

The CSS property to change the border of an element to XYZ 64.8630, 46.1330, 91.0739 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(248, 143, 244) }
```


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

```
.border{ border-color:rgb(248, 143, 244) }
```

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

Here you see how a box with a 4 pixel rgb(248, 143, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 143, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 143, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 143,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8630, 46.1330, 91.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 143, 244) }
```

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

```
.background{ background-color: rgb(248,  
143, 244) }
```

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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