

Converting Colors

XYZ(65.4863, 46.6744, 81.1589)

Have a look what the booklet for
XYZ(65.4863, 46.6744, 81.1589)
contains.

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Color

**XYZ(65.4863, 46.6744,
81.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FE7
RGB	255, 143, 231
RGB Percent	100%, 56%, 91%
CMY	0.0000, 0.4392, 0.0941
CMYK	0.00, 0.44, 0.09, 0.00
HSL	313°, 100%, 78%
HSV	313°, 44%, 100%
XYZ	65.4863, 46.6744, 81.1589
YIQ	186.5200, 38.5040, 51.1120

Conversions

Conversions Part 2

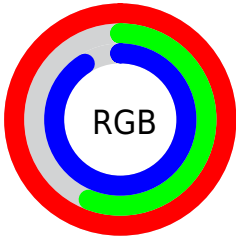
Format	Color
R _Y B	255, 143, 231
Decimal	16748519
CIE _{Lab}	73.98, 53.76, -26.20
CIE _{LCh}	74, 59.806, 334.020
Y _{xy}	46.6744, 0.3387, 0.2414
Android (android.graphics.Color)	4294938599 (0xFFFF8FE7)
Y _{UV}	186.5200, 21.9286, 60.0570
Hunter-Lab	68.3187, 51.5421, -22.6103

Details

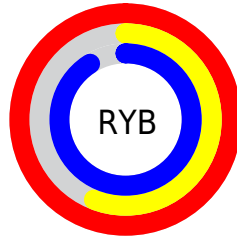
The XYZ color **65.4863, 46.6744, 81.1589** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.0643, 80.1504, 49.1828**, and the grayscale version is **46.8305, 49.2694, 53.6543**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **34.0752, 21.9757, 43.0032** is the 20% darker color. If you saturate the color by 10%, you get **61.3243, 39.5664, 76.0234**, and if you desaturate by 10%, it is **70.5443, 55.5357, 86.7131**.

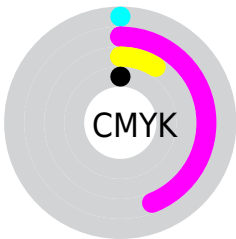
Distribution



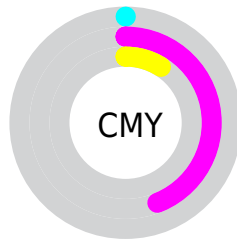
- Red (100%)
- Green (56%)
- Blue (91%)



- Red (100%)
- Yellow (56%)
- Blue (91%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4863, 46.6744, 81.1589 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 65.4863, 46.6744, 81.1589 by changing the saturation by 10% instead.


 65.4863, 46.6744,
81.1589


 65.4863, 46.6744,
81.1589


434.0551,
373.5134, 518.6393

 48.1217, 32.7783,
60.1407

 111.8105, 85.2274,
136.8199

 34.1349, 21.9567,
43.1060

 141.5009,
110.6531, 172.2999

 23.1606, 13.8251,
29.6363


176.0305,
140.6908, 213.4375

 14.8335, 7.9991,
19.3130

215.7647,
175.7250, 260.6513

 8.7882, 4.0944,
11.7176

261.0689,
216.1399, 314.3598

 4.6593, 1.7265,
6.4315

312.3085,

 2.0815, 0.4407,

262.3200, 374.9816

3.0362

369.8488,
314.6497, 442.9353

■ 0.6791, 0.0000,
1.1131

■ 0.0000, 0.0000,
0.0000

■ 65.4863, 46.6744,
81.1589

■ 65.4863, 46.6744,
81.1589

■ 61.3243, 39.5664,
76.0234

■ 70.5443, 55.5357,
86.7131

■ 57.9955, 34.0865,
71.2829

■ 76.5496, 66.2528,
92.7025

■ 55.4333, 30.1020,
66.9146

■ 83.5531, 78.9272,
99.1456

■ 53.5595, 27.4568,
62.8915

■ 91.6013, 93.6513,
106.0589

■ 52.2787, 25.9604,
59.1805

95.0500, 100.0000,
108.9000

■ 51.7070, 25.4468,
57.0486

Harmonies

Analogous

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



56.8635, 46.6744, 116.7570



65.4863, 46.6744, 81.1589



68.1446, 46.6744, 46.8103

Triad

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



65.4863, 46.6744, 81.1589



42.9393, 46.6744, 11.8473



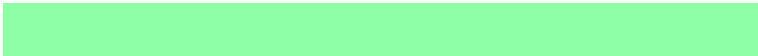
29.4344, 46.6744, 91.3056

Complementary

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



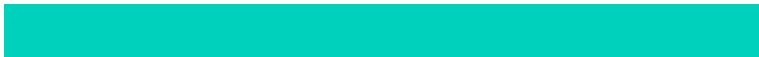
65.4863, 46.6744, 81.1589



54.0643, 80.1504, 49.1828

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.



26.8785, 46.6744, 55.0534



65.4863, 46.6744, 81.1589



33.8429, 46.6744, 16.0137

Square

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



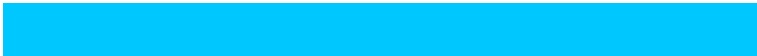
65.4863, 46.6744, 81.1589



53.9733, 46.6744, 14.1804



28.3534, 46.6744, 29.1775



35.9664, 46.6744, 124.0794

Rectangle

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



65.4863, 46.6744, 81.1589



65.8716, 46.6744, 30.4540



28.3534, 46.6744, 29.1775



28.1339, 46.6744, 78.6954

Sweetspot

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



65.4873, 46.6763, 81.1598



84.2486, 80.1938, 99.7612



43.4748, 34.9095, 99.0546



17.6784, 16.5201, 21.0380



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.



65.4873, 46.6763, 81.1598



61.6712, 40.1500, 76.4787



58.9598, 44.0653, 46.7864



18.6162, 18.2298, 21.8619



27.0754, 13.3194, 30.1110



2.6758, 1.3127, 3.1400

Inverse Universe

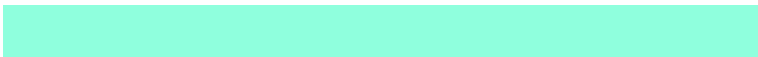
The Inverse Universe completely reimagines the original color for something new.



65.4873, 46.6763, 81.1598



61.6712, 40.1500, 76.4787



60.1935, 82.6021, 81.4589



18.6162, 18.2298, 21.8619



27.0754, 13.3194, 30.1110



2.6758, 1.3127, 3.1400

Previews

White Background



This preview shows how the XYZ color 65.4863, 46.6744, 81.1589 looks on a white background.

Color Contrast Check

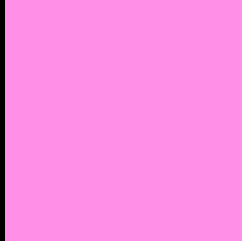
Large Text (above 18pt) WCAG AA × Fail

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 65.4863, 46.6744, 81.1589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

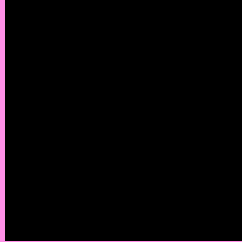
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4863, 46.6744, 81.1589

Background



This preview shows how black text looks on a background with the XYZ color 65.4863, 46.6744, 81.1589.



This preview shows how white text looks on a background with the XYZ color 65.4863, 46.6744,

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

65.4863, 46.6744, 81.1589

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

47.8711, 46.7420, 77.7332



Tritanopia

57.6677, 46.5605, 42.9934

Trichromacy



Original Color

65.4863, 46.6744, 81.1589



Protanomaly

52.7014, 45.7606, 93.2438



Deuteranomaly

52.7739, 45.5781, 78.6890



Tritanomaly

60.2542, 46.4040, 55.0713

Monochromacy



Original Color

65.4863, 46.6744, 81.1589



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

52.4938, 47.4347, 62.8890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4863, 46.6744, 81.1589 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(255, 143, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 231)  
}
```

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(255, 143, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 231) }
```

Border

The CSS property to change the border of an element to XYZ 65.4863, 46.6744, 81.1589 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(255, 143, 231) }
```


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

```
.border{ border-color:rgb(255, 143, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4863, 46.6744, 81.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 231) }
```

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

```
.background{ background-color: rgb(255,  
143, 231) }
```

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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