

Converting Colors

XYZ(65.2258, 46.5222, 79.9350)

Have a look what the booklet for
XYZ(65.2258, 46.5222, 79.9350)
contains.

XYZ(65.2053, 46.5621, 79.6794)	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(65.2053, 46.5621,
79.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FE5
RGB	255, 143, 229
RGB Percent	100%, 56%, 90%
CMY	0.0000, 0.4392, 0.1020
CMYK	0.00, 0.44, 0.10, 0.00
HSL	314°, 100%, 78%
HSV	314°, 44%, 100%
XYZ	65.2053, 46.5621, 79.6794
YIQ	186.2920, 39.1460, 50.4900

Conversions

Conversions Part 2

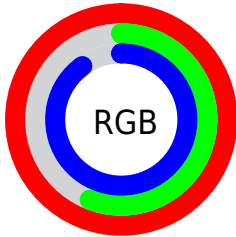
Format	Color
R _Y B	255, 143, 229
Decimal	16748517
CIE Lab	73.91, 53.44, -25.21
CIE LCh	74, 59.091, 334.742
Yxy	46.5621, 0.3406, 0.2432
Android (android.graphics.Color)	4294938597 (0xFFFF8FE5)
YUV	186.2920, 21.0550, 60.2569
Hunter-Lab	68.2364, 51.1571, -21.4672

Details

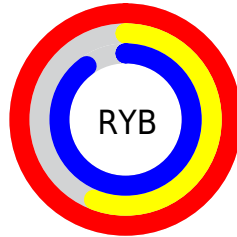
The XYZ color **65.2053, 46.5621, 79.6794** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.2508, 80.2250, 50.1646**, and the grayscale version is **46.7073, 49.1398, 53.5132**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **33.8802, 21.8976, 41.9762** is the 20% darker color. If you saturate the color by 10%, you get **60.9907, 39.4330, 74.2661**, and if you desaturate by 10%, it is **70.3203, 55.4462, 85.5330**.

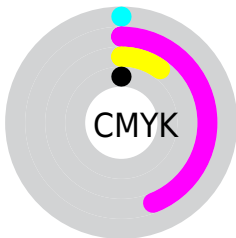
Distribution



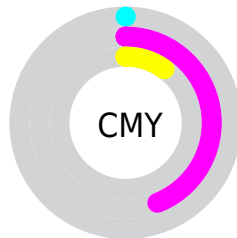
- Red (100%)
- Green (56%)
- Blue (90%)



- Red (100%)
- Yellow (56%)
- Blue (90%)



- Cyan (0%)
- Magenta (44%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2053, 46.5621, 79.6794 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 65.2053, 46.5621, 79.6794 by changing the saturation by 10% instead.


 65.2053, 46.5621,
79.6794


 65.2053, 46.5621,
79.6794

433.0629,
373.0639, 513.5300

 47.8929, 32.6896,
58.9300

 111.4090, 85.0596,
134.7222

 33.9530, 21.8888,
42.1371


 141.0311,
110.4534, 169.8527

 23.0202, 13.7752,
28.8823


175.4870,
140.4565, 210.6139

 14.7292, 7.9645,
18.7470

215.1422,
175.4531, 257.4243

 8.7146, 4.0722,
11.3126

260.3621,
215.8278, 310.7027

 4.6111, 1.7140,
6.1607

311.5119,

 2.0533, 0.4327,

261.9649, 370.8673

2.8727

368.9571,
314.2488, 438.3369

■ 0.6637, 0.0000,
1.0300

■ 0.0000, 0.0000,
0.0000

■ 65.2053, 46.5621,
79.6794

■ 65.2053, 46.5621,
79.6794

■ 60.9907, 39.4330,
74.2661

■ 70.3203, 55.4462,
85.5330

■ 57.6131, 33.9336,
69.2689

■ 76.3866, 66.1878,
91.8437

■ 55.0061, 29.9311,
64.6649

■ 83.4554, 78.8883,
98.6302

■ 53.0915, 27.2697,
60.4267

■ 91.5731, 93.6402,
105.9094

■ 51.7736, 25.7583,
56.5208

95.0500, 100.0000,
108.9000

■ 51.1813, 25.2365,
54.2800

Harmonies

Analogous

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



56.8240, 46.5621, 114.8216



65.2053, 46.5621, 79.6794



67.6516, 46.5621, 46.0550

Triad

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



65.2053, 46.5621, 79.6794



42.6034, 46.5621, 12.0893



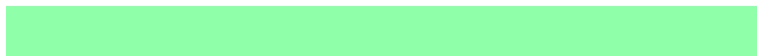
29.6180, 46.5621, 91.4354

Complementary

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



65.2053, 46.5621, 79.6794



54.2508, 80.2250, 50.1646

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.



26.9915, 46.5621, 55.6434



65.2053, 46.5621, 79.6794



33.6927, 46.5621, 16.4214

Square

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



65.2053, 46.5621, 79.6794



53.4683, 46.5621, 14.2631



28.3560, 46.5621, 29.7649



36.1675, 46.5621, 123.2868

Rectangle

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



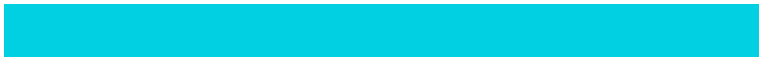
65.2053, 46.5621, 79.6794



65.3053, 46.5621, 30.0984



28.3560, 46.5621, 29.7649



28.2987, 46.5621, 79.0406

Sweetspot

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



65.2064, 46.5641, 79.6803



84.1570, 80.1571, 99.2784



43.8673, 35.1120, 99.0730



17.6556, 16.5109, 20.9180



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.



65.2064, 46.5641, 79.6803



61.3422, 40.0184, 74.7459



58.7756, 43.9917, 45.8161



18.6017, 18.2240, 21.7855



26.8036, 13.2107, 28.6799



2.6515, 1.3030, 3.0120

Inverse Universe

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



65.2064, 46.5641, 79.6803



61.3422, 40.0184, 74.7459



60.4443, 82.7024, 82.7794



18.6017, 18.2240, 21.7855



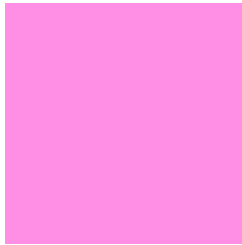
26.8036, 13.2107, 28.6799



2.6515, 1.3030, 3.0120

Previews

White Background



This preview shows how the XYZ color 65.2053, 46.5621, 79.6794 looks on a white background.

Color Contrast Check

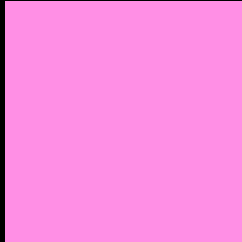
Large Text (above 18pt) WCAG AA × Fail

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 65.2053, 46.5621, 79.6794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

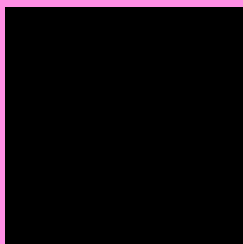
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2053, 46.5621, 79.6794

Background



This preview shows how black text looks on a background with the XYZ color 65.2053, 46.5621, 79.6794.



This preview shows how white text looks on a background with the XYZ color 65.2053, 46.5621,

79.6794.

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

65.2053, 46.5621, 79.6794

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

47.8301, 46.7522, 76.3152



Tritanopia

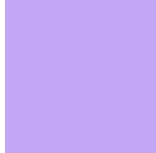
57.6677, 46.5605, 42.9934

Trichromacy



Original Color

65.2053, 46.5621, 79.6794



Protanomaly

52.7014, 45.7606, 93.2438



Deuteranomaly

52.7779, 45.6119, 77.2564



Tritanomaly

60.1445, 46.3602, 54.4936

Monochromacy



Original Color

65.2053, 46.5621, 79.6794



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.8994, 46.8626, 62.1871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2053, 46.5621, 79.6794 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 229) }
```

Border

The CSS property to change the border of an element to XYZ 65.2053, 46.5621, 79.6794 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, 229) }
```


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

```
.border{ border-color:rgb(255, 143, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2053, 46.5621, 79.6794 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
143, 229) }
```

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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