

Converting Colors

XYZ(65.3607, 41.7737, 95.4510)

Have a look what the booklet for
XYZ(65.3607, 41.7737, 95.4510)
contains.

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Color

**XYZ(65.3327, 41.8369,
95.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79FA
RGB	255, 121, 250
RGB Percent	100%, 47%, 98%
CMY	0.0000, 0.5255, 0.0196
CMYK	0.00, 0.53, 0.02, 0.00
HSL	302°, 100%, 74%
HSV	302°, 53%, 100%
XYZ	65.3327, 41.8369, 95.0744
YIQ	175.7720, 38.4550, 68.5270

Conversions

Conversions Part 2

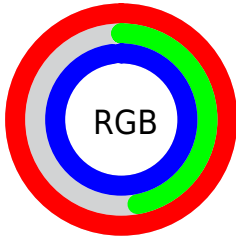
Format	Color
RYB	255, 121, 250
Decimal	16742906
CIELab	70.76, 67.31, -41.58
CIElCh	71, 79.114, 328.296
Yxy	41.8369, 0.3230, 0.2069
Android (android.graphics.Color)	4294932986 (0xFFFF79FA)
YUV	175.7720, 36.5944, 69.4830
Hunter-Lab	64.6815, 67.1047, -41.8726

Details

The XYZ color **65.3327, 41.8369, 95.0744** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **47.4123, 77.0919, 32.1220**, and the grayscale version is **40.9511, 43.0838, 46.9182**.

A 20% lighter version of the original color is **75.2104, 60.3208, 102.2868**, and **34.1681, 19.1410, 52.3458** is the 20% darker color. If you saturate the color by 10%, you get **62.4846, 36.3786, 93.3913**, and if you desaturate by 10%, it is **69.0022, 48.9363, 97.0360**.

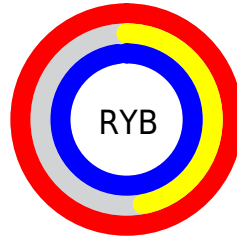
Distribution



Red (100%)

Green (47%)

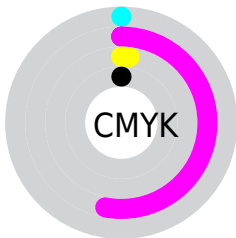
Blue (98%)



Red (100%)

Yellow (47%)

Blue (98%)

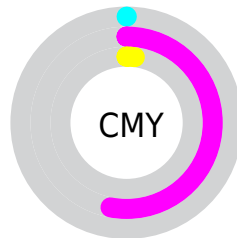


Cyan (0%)

Magenta (53%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3327, 41.8369, 95.0744 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 65.3327, 41.8369, 95.0744 by changing the saturation by 10% instead.


 65.3327, 41.8369,
95.0744


 65.3327, 41.8369,
95.0744


433.5129,
353.8064, 565.3936


 47.9966, 28.9736,
71.5997

 111.5911, 77.9527,
156.3639

 34.0354, 19.0609,
52.3469

 141.2441,
101.9740, 195.0157

 23.0838, 11.7143,
36.8975


 175.7335,
130.4835, 239.5636

 14.7765, 6.5494,
24.8330

215.4245,
163.8654, 290.4261

 8.7479, 3.1819,
15.7348

260.6826,
202.5043, 348.0218

 4.6329, 1.2274,
9.1843

311.8732,

 2.0661, 0.0840,

246.7845, 412.7693

4.7632

369.3615,
297.0904, 485.0870

■ 0.6707, 0.0000,
2.0527

■ 0.0000, 0.0000,
0.5874

■ 65.3327, 41.8369,
95.0744

■ 65.3327, 41.8369,
95.0744

■ 62.4846, 36.3786,
93.3913

■ 69.0022, 48.9363,
97.0360

■ 60.3890, 32.4245,
91.9623

■ 73.5492, 57.7897,
99.2934

■ 58.9708, 29.8238,
90.7627

■ 79.0280, 68.5055,
101.8650

■ 58.1375, 28.3918,
89.7618

■ 85.4878, 81.1822,
104.7674

■ 57.7957, 27.8823,
89.1113

■ 92.9744, 95.9111,
108.0158

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.9678, 41.8369, 143.4345



65.3327, 41.8369, 95.0744



70.7017, 41.8369, 47.7368

Triad

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



65.3327, 41.8369, 95.0744



40.5200, 41.8369, 4.7700



21.4251, 41.8369, 89.1227

Complementary

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



65.3327, 41.8369, 95.0744



47.4123, 77.0919, 32.1220

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.



19.4967, 41.8369, 43.4374



65.3327, 41.8369, 95.0744



28.9611, 41.8369, 6.9483

Square

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



65.3327, 41.8369, 95.0744



54.5572, 41.8369, 7.5802



21.9260, 41.8369, 17.1481



27.9214, 41.8369, 138.8662

Rectangle

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



65.3327, 41.8369, 95.0744



68.8619, 41.8369, 26.4221



21.9260, 41.8369, 17.1481



20.2937, 41.8369, 72.2190

Sweetspot

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



65.3336, 41.8385, 95.0752



83.1431, 76.5768, 103.7267



33.4148, 25.2920, 97.7284



17.5092, 15.8276, 22.0732



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.



65.3336, 41.8385, 95.0752



62.3737, 36.1677, 93.3212



56.6814, 38.3776, 49.5134



18.7617, 18.2880, 22.6281



30.2125, 14.5743, 46.6311



2.9505, 1.4226, 4.5866

Inverse Universe

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



65.3336, 41.8385, 95.0752



62.3737, 36.1677, 93.3212



53.2126, 79.4120, 62.6659



18.7617, 18.2880, 22.6281



30.2125, 14.5743, 46.6311



2.9505, 1.4226, 4.5866

Previews

White Background



This preview shows how the XYZ color 65.3327, 41.8369, 95.0744 looks on a white background.

Color Contrast Check

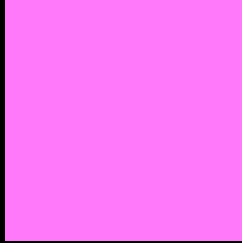
Large Text (above 18pt) WCAG AA × Fail

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 65.3327, 41.8369, 95.0744 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 65.3327, 41.8369, 95.0744

Background



This preview shows how black text looks on a background with the XYZ color 65.3327, 41.8369, 95.0744.



This preview shows how white text looks on a background with the XYZ color 65.3327, 41.8369,

95.0744.

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

65.3327, 41.8369, 95.0744

Protanopia

44.1145, 42.2751, 100.4426

Deuteranopia

43.2026, 42.0560, 89.0597



Tritanopia

53.3500, 41.8505, 36.2764

Trichromacy



Original Color

65.3327, 41.8369, 95.0744



Protanomaly

48.8880, 40.0647, 98.0851



Deuteranomaly

48.7066, 40.1329, 90.7673



Tritanomaly

56.8098, 41.2825, 53.6893

Monochromacy



Original Color

65.3327, 41.8369, 95.0744



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

47.8448, 41.0679, 61.9051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3327, 41.8369, 95.0744 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, 121, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 250)  
}
```

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, 121, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 250) }
```

Border

The CSS property to change the border of an element to XYZ 65.3327, 41.8369, 95.0744 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, 121, 250) }
```


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

```
.border{ border-color:rgb(255, 121, 250) }
```

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

Here you see how a box with a 4 pixel rgb(255, 121, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3327, 41.8369, 95.0744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 250) }
```

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

```
.background{ background-color: rgb(255,  
121, 250) }
```

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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