

Converting Colors

XYZ(65.1022, 46.4232, 91.7315)

Have a look what the booklet for
XYZ(65.1022, 46.4232, 91.7315)
contains.

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Color

**XYZ(65.1661, 46.4955,
91.9261)**

Conversions

Conversions Part 1

Format	Color
Hex	F890F5
RGB	248, 144, 245
RGB Percent	97%, 56%, 96%
CMY	0.0274, 0.4353, 0.0392
CMYK	0.00, 0.42, 0.01, 0.03
HSL	302°, 88%, 77%
HSV	302°, 42%, 97%
XYZ	65.1661, 46.4955, 91.9261
YIQ	186.6100, 29.5630, 53.4590

Conversions

Conversions Part 2

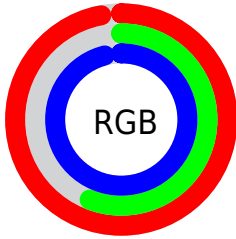
Format	Color
R _Y B	248, 144, 245
Decimal	16290037
CIE Lab	73.87, 53.54, -34.09
CIE LCh	74, 63.467, 327.517
Yxy	46.4955, 0.3201, 0.2284
Android (android.graphics.Color)	4294480117 (0xFF890F5)
YUV	186.6100, 28.7863, 53.8390
Hunter-Lab	68.1876, 51.2620, -32.1996

Details

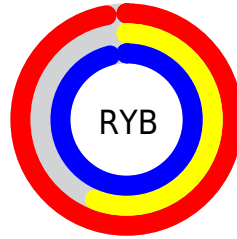
The XYZ color **65.1661, 46.4955, 91.9261** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.3374, 75.1724, 39.4631**, and the grayscale version is **46.8475, 49.2872, 53.6738**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **33.9685, 21.8903, 50.0119** is the 20% darker color. If you saturate the color by 10%, you get **61.7058, 39.7483, 90.2351**, and if you desaturate by 10%, it is **69.4549, 54.8969, 93.8962**.

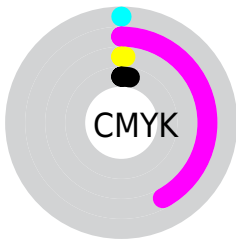
Distribution



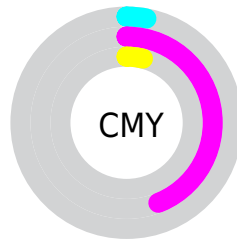
- Red (97%)
- Green (56%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (42%)
- Yellow (1%)
- Black (3%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1661, 46.4955, 91.9261 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 65.1661, 46.4955, 91.9261 by changing the saturation by 10% instead.


 65.1661, 46.4955,
91.9261


 65.1661, 46.4955,
91.9261


432.9244,
372.7972, 555.0076

 47.8610, 32.6370,
68.9966


 111.3530, 84.9601,
151.9698

 33.9276, 21.8485,
50.2372


 140.9655,
110.3349, 189.9210

 23.0006, 13.7456,
35.2294


175.4112,
140.3174, 233.7165

 14.7147, 7.9440,
23.5547

215.0553,
175.2918, 283.7749

 8.7044, 4.0591,
14.7945

260.2634,
215.6426, 340.5146

 4.6044, 1.7067,
8.5302

311.4007,

 2.0494, 0.4280,

261.7542, 404.3543

4.3435

368.8326,
314.0109, 475.7125

■ 0.6615, 0.0000,
1.8156

■ 0.0000, 0.0000,
0.4382

■ 65.1661, 46.4955,
91.9261

■ 65.1661, 46.4955,
91.9261

■ 61.7058, 39.7483,
90.2351

■ 69.4549, 54.8969,
93.8962

■ 59.0147, 34.5400,
88.8022


■ 74.6171, 65.0455,
96.1592


■ 57.0331, 30.7501,
87.6078


■ 80.7001, 77.0349,
98.7311

■ 55.6908, 28.2378,
86.6286


■ 87.7464, 90.9503,
101.6262


 54.9027, 26.8334,
85.8362


 91.5053, 98.2901,
103.4276

 54.5661, 26.2984,
85.2982

 91.6169, 98.3347,
104.0154

 91.7289, 98.3795,
104.6054

 91.8414, 98.4245,
105.1976

 91.9543, 98.4697,
105.7921

Harmonies

Analogous

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



55.0075, 46.4955, 128.2715



65.1661, 46.4955, 91.9261



69.6413, 46.4955, 53.3693

Triad

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



65.1661, 46.4955, 91.9261



45.1405, 46.4955, 10.4378



27.5911, 46.4955, 85.1509

Complementary

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



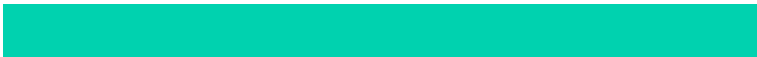
65.1661, 46.4955, 91.9261



50.3374, 75.1724, 39.4631

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.



25.8490, 46.4955, 47.9777



65.1661, 46.4955, 91.9261



34.8971, 46.4955, 13.0680

Square

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



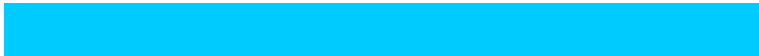
65.1661, 46.4955, 91.9261



56.9155, 46.4955, 14.1915



28.2844, 46.4955, 24.0255



33.5228, 46.4955, 123.3268

Rectangle

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



65.1661, 46.4955, 91.9261



68.3134, 46.4955, 34.1145



28.2844, 46.4955, 24.0255



26.5454, 46.4955, 71.7541

Sweetspot

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



65.1676, 46.4976, 91.9271



85.2178, 80.5814, 104.8647



38.7253, 32.8127, 93.1007



17.9202, 16.6168, 22.3113



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.



65.1676, 46.4976, 91.9271



66.3573, 43.5535, 96.4415



58.4541, 43.8122, 56.5740



17.9701, 17.5154, 21.6985



29.4857, 14.2100, 46.1277



2.7375, 1.3187, 4.3072

Inverse Universe

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



65.1676, 46.4976, 91.9271



66.3573, 43.5535, 96.4415



55.2332, 77.1307, 65.2437



17.9701, 17.5154, 21.6985



29.4857, 14.2100, 46.1277



2.7375, 1.3187, 4.3072

Previews

White Background



This preview shows how the XYZ color 65.1661, 46.4955, 91.9261 looks on a white background.

Color Contrast Check

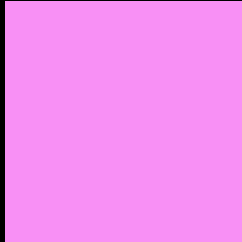
Large Text (above 18pt) WCAG AA × Fail

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 65.1661, 46.4955, 91.9261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

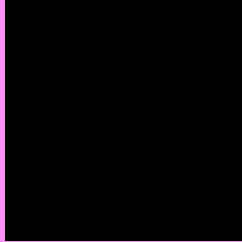
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1661, 46.4955, 91.9261

Background



This preview shows how black text looks on a background with the XYZ color 65.1661, 46.4955, 91.9261.



This preview shows how white text looks on a background with the XYZ color 65.1661, 46.4955,

91.9261.

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

65.1661, 46.4955, 91.9261

Protanopia

48.4718, 47.1316, 101.1503

Deuteranopia

48.0623, 46.9072, 88.1822



Tritanopia

55.6138, 46.4709, 45.0683

Trichromacy



Original Color

65.1661, 46.4955, 91.9261



Protanomaly

52.7172, 45.6788, 97.3052



Deuteranomaly

52.8021, 45.6291, 89.2434



Tritanomaly

58.4824, 46.1120, 59.8510

Monochromacy



Original Color

65.1661, 46.4955, 91.9261



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

52.2426, 47.2352, 66.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1661, 46.4955, 91.9261 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, 144, 245)` looks like.

```
.text, #text, p{  
    color:rgb(248, 144, 245)  
}
```

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, 144, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 144, 245) }
```

Border

The CSS property to change the border of an element to XYZ 65.1661, 46.4955, 91.9261 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, 144, 245) }
```


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

```
.border{ border-color:rgb(248, 144, 245) }
```

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

Here you see how a box with a 4 pixel rgb(248, 144, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 144, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 144, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 144,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1661, 46.4955, 91.9261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 144, 245) }
```

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

```
.background{ background-color: rgb(248,  
144, 245) }
```

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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