

Converting Colors

XYZ(65.3330, 47.0449, 91.1110)

Have a look what the booklet for
XYZ(65.3330, 47.0449, 91.1110)
contains.

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Color

**XYZ(65.3194, 47.0459,
91.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	F892F4
RGB	248, 146, 244
RGB Percent	97%, 57%, 96%
CMY	0.0274, 0.4274, 0.0431
CMYK	0.00, 0.41, 0.02, 0.03
HSL	302°, 88%, 77%
HSV	302°, 41%, 97%
XYZ	65.3194, 47.0459, 91.2260
YIQ	187.6700, 29.3340, 52.1020

Conversions

Conversions Part 2

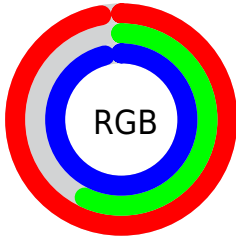
Format	Color
R _Y B	248, 146, 244
Decimal	16290548
CIE Lab	74.22, 52.36, -33.00
CIE LCh	74, 61.890, 327.783
Yxy	47.0459, 0.3208, 0.2311
Android (android.graphics.Color)	4294480628 (0xFFFF892F4)
YUV	187.6700, 27.7707, 52.9094
Hunter-Lab	68.5900, 49.9560, -30.8438

Details

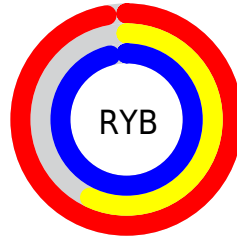
The XYZ color **65.3194, 47.0459, 91.2260** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.9285, 75.4494, 40.7359**, and the grayscale version is **47.4503, 49.9214, 54.3644**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **34.0320, 22.1893, 49.5030** is the 20% darker color. If you saturate the color by 10%, you get **61.7562, 40.1543, 89.3119**, and if you desaturate by 10%, it is **69.7156, 55.6003, 93.4226**.

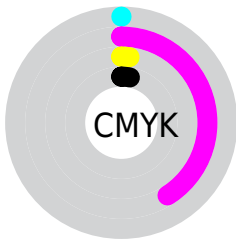
Distribution



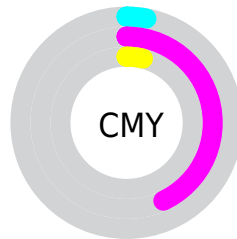
- Red (97%)
- Green (57%)
- Blue (96%)



- Red (97%)
- Yellow (57%)
- Blue (96%)



- Cyan (0%)
- Magenta (41%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3194, 47.0459, 91.2260 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 65.3194, 47.0459, 91.2260 by changing the saturation by 10% instead.


 65.3194, 47.0459,
91.2260


 65.3194, 47.0459,
91.2260


433.4660,
374.9977, 552.6836

 47.9858, 33.0719,
68.4185

 111.5721, 85.7821,
150.9906

 34.0268, 22.1816,
49.7695

 141.2219,
111.3132, 188.7847

 23.0772, 13.9904,
34.8604


175.7077,
141.4654, 232.4115

 14.7715, 8.1140,
23.2726

215.3951,
176.6232, 282.2894

 8.7445, 4.1680,
14.5878

260.6492,
217.1709, 338.8370

 4.6307, 1.7680,
8.3872

311.8355,

 2.0647, 0.4671,

263.4930, 402.4729

4.2524

369.3193,
315.9738, 473.6156

■ 0.6699, 0.0000,
1.7648

■ 0.0000, 0.0000,
0.4046

■ 65.3194, 47.0459,
91.2260

■ 65.3194, 47.0459,
91.2260

■ 61.7562, 40.1543,
89.3119

■ 69.7156, 55.6003,
93.4226

■ 58.9672, 34.8108,
87.6592

■ 74.9894, 65.9097,
95.9150

■ 56.8934, 30.8964,
86.2488

■ 81.1879, 78.0671,
98.7196

■ 55.4652, 28.2720,
85.0574

■ 88.3533, 92.1571,
101.8503

54.5992, 26.7708,
84.0572

91.5497, 98.3078,
103.6619

54.1848, 26.1459,
83.2909

91.7017, 98.3686,
104.4626

91.8546, 98.4298,
105.2675

92.0082, 98.4912,
106.0765

92.1626, 98.5530,
106.8896

Harmonies

Analogous

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



55.4237, 47.0459, 126.5964



65.3194, 47.0459, 91.2260



69.6219, 47.0459, 53.6271

Triad

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



65.3194, 47.0459, 91.2260



45.5468, 47.0459, 11.1991



28.3620, 47.0459, 85.3378

Complementary

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



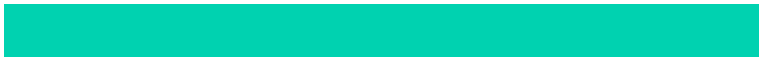
65.3194, 47.0459, 91.2260



50.9285, 75.4494, 40.7359

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.



26.5950, 47.0459, 48.8957



65.3194, 47.0459, 91.2260



35.4842, 47.0459, 13.9376

Square

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



65.3194, 47.0459, 91.2260



57.0909, 47.0459, 14.9546



28.9761, 47.0459, 25.0531



34.2720, 47.0459, 122.3214

Rectangle

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



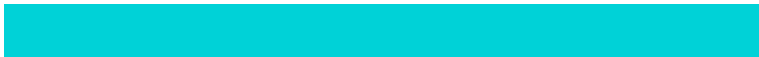
65.3194, 47.0459, 91.2260



68.2818, 47.0459, 34.7284



28.9761, 47.0459, 25.0531



27.3114, 47.0459, 72.2599

Sweetspot

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



65.3210, 47.0480, 91.2270



85.8606, 81.9295, 104.8865



39.6919, 33.7648, 93.2334



18.1830, 17.1541, 22.3631



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.



65.3210, 47.0480, 91.2270



66.5001, 44.1469, 95.5402



58.6848, 44.3936, 56.2817



17.9619, 17.5121, 21.6551



29.2831, 14.1290, 45.0606



2.7210, 1.3121, 4.2203

Inverse Universe

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



65.3210, 47.0480, 91.2270



66.5001, 44.1469, 95.5402



55.8955, 77.4362, 66.8918



17.9619, 17.5121, 21.6551



29.2831, 14.1290, 45.0606



2.7210, 1.3121, 4.2203

Previews

White Background



This preview shows how the XYZ color 65.3194, 47.0459, 91.2260 looks on a white background.

Color Contrast Check

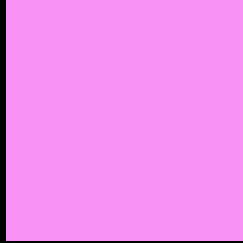
Large Text (above 18pt) WCAG AA × Fail

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 65.3194, 47.0459, 91.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

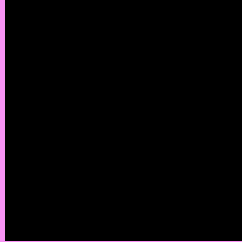
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3194, 47.0459, 91.2260

Background



This preview shows how black text looks on a background with the XYZ color 65.3194, 47.0459, 91.2260.



This preview shows how white text looks on a background with the XYZ color 65.3194, 47.0459,

91.2260.

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

65.3194, 47.0459, 91.2260

Protanopia

48.8719, 47.6387, 101.2271

Deuteranopia

48.5485, 47.4735, 87.4934



Tritanopia

55.8843, 46.8576, 45.6342

Trichromacy



Original Color

65.3194, 47.0459, 91.2260



Protanomaly

52.9011, 46.0467, 97.3665



Deuteranomaly

53.2840, 46.4386, 88.5933



Tritanomaly

58.8152, 46.7777, 59.9619

Monochromacy



Original Color

65.3194, 47.0459, 91.2260



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.9071, 48.1428, 66.1785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3194, 47.0459, 91.2260 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, 146, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 146, 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, 146, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 146, 244) }
```

Border

The CSS property to change the border of an element to XYZ 65.3194, 47.0459, 91.2260 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, 146, 244) }
```


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

```
.border{ border-color:rgb(248, 146, 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, 146, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 146, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 146, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 146,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3194, 47.0459, 91.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 146, 244) }
```

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

```
.background{ background-color: rgb(248,  
146, 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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