

Converting Colors

XYZ(65.5714, 50.9050, 92.2723)

Have a look what the booklet for
XYZ(65.5714, 50.9050, 92.2723)
contains.

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Color

**XYZ(65.3496, 50.7222,
91.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A1F4
RGB	241, 161, 244
RGB Percent	95%, 63%, 96%
CMY	0.0549, 0.3686, 0.0431
CMYK	0.01, 0.34, 0.00, 0.04
HSL	298°, 79%, 79%
HSV	298°, 34%, 96%
XYZ	65.3496, 50.7222, 91.9340
YIQ	194.3820, 21.0370, 42.7730

Conversions

Conversions Part 2

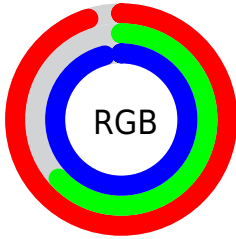
Format	Color
R _Y B	241, 161, 244
Decimal	15835636
CIE Lab	76.51, 42.55, -29.53
CIE LCh	77, 51.796, 325.239
Yxy	50.7222, 0.3142, 0.2438
Android (android.graphics.Color)	4294025716 (0xFFFF1A1F4)
YUV	194.3820, 24.4617, 40.8840
Hunter-Lab	71.2195, 39.1539, -26.6811

Details

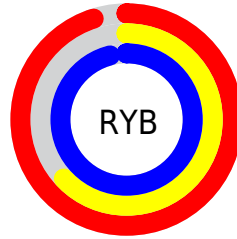
The XYZ color **65.3496, 50.7222, 91.9340** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.0953, 75.1684, 45.3786**, and the grayscale version is **51.3567, 54.0313, 58.8401**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **34.2068, 24.5463, 50.5120** is the 20% darker color. If you saturate the color by 10%, you get **61.1948, 42.8573, 90.6356**, and if you desaturate by 10%, it is **70.3411, 60.2562, 93.5119**.

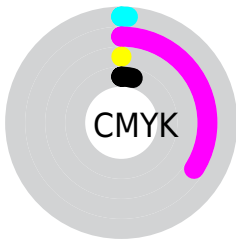
Distribution



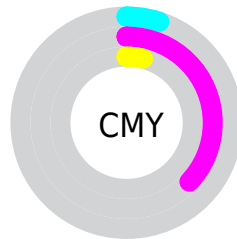
- Red (95%)
- Green (63%)
- Blue (96%)



- Red (95%)
- Yellow (63%)
- Blue (96%)



- Cyan (1%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)





- Cyan (5%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3496, 50.7222, 91.9340 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 65.3496, 50.7222, 91.9340 by changing the saturation by 10% instead.


 65.3496, 50.7222,
91.9340


 65.3496, 50.7222,
91.9340


433.5726,
389.4835, 555.0338

 48.0104, 35.9876,
69.0031

 111.6152, 91.2440,
151.9808

 34.0464, 24.4246,
50.2425


 141.2724,
117.8000, 189.9338

 23.0923, 15.6489,
35.2336

175.7661,
149.0652, 233.7312

 14.7827, 9.2760,
23.5578

215.4620,
185.4240, 283.7916

 8.7524, 4.9217,
14.7968

260.7252,
227.2609, 340.5335

 4.6358, 2.2014,
8.5319

311.9211,

 2.0678, 0.7207,

274.9601, 404.3755

4.3445

369.4151,
328.9062, 475.7361

■ 0.6716, 0.0000,
1.8162

■ 0.0000, 0.0000,
0.4386

■ 65.3496, 50.7222,
91.9340

■ 65.3496, 50.7222,
91.9340

■ 61.1948, 42.8573,
90.6356

■ 70.3411, 60.2562,
93.5119

■ 57.8231, 36.5576,
89.5974

■ 76.2091, 71.5420,
95.3810

■ 55.1826, 31.7181,
88.8024

■ 82.9965, 84.6646,
97.5562

■ 53.2129, 28.2180,
88.2307

■ 89.5812, 97.3795,
99.6634

51.8441, 25.9175,
87.8588

89.8889, 97.5381,
99.6778

50.9906, 24.6457,
87.6583

90.1979, 97.6975,
99.6922

50.6506, 24.2250,
87.5950

90.5085, 97.8575,
99.7068

90.8205, 98.0184,
99.7214

91.1340, 98.1800,
99.7360

Harmonies

Analogous

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



56.6725, 50.7222, 119.5900



65.3496, 50.7222, 91.9340



69.4599, 50.7222, 59.8145

Triad

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



65.3496, 50.7222, 91.9340



49.7859, 50.7222, 17.0898



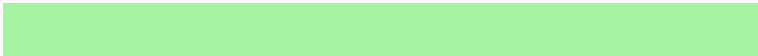
33.1352, 50.7222, 81.4933

Complementary

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



65.3496, 50.7222, 91.9340



54.0953, 75.1684, 45.3786

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.



31.8070, 50.7222, 50.8819



65.3496, 50.7222, 91.9340



40.6347, 50.7222, 19.4563

Square

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



65.3496, 50.7222, 91.9340



59.7340, 50.7222, 21.7696



34.3643, 50.7222, 29.8809



38.2724, 50.7222, 112.2709

Rectangle

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



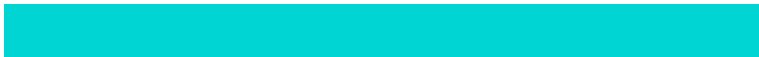
65.3496, 50.7222, 91.9340



68.7026, 50.7222, 42.2582



34.3643, 50.7222, 29.8809



32.2607, 50.7222, 70.6119

Sweetspot

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



65.3512, 50.7244, 91.9351



87.1096, 84.6214, 106.3501



44.5115, 41.0757, 91.1711



18.4242, 17.6859, 22.6926



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.



65.3512, 50.7244, 91.9351



68.8918, 49.7270, 100.5750



61.2745, 49.2130, 65.0788



17.1509, 16.7360, 20.8690



27.5671, 13.1857, 47.6302



2.4411, 1.1683, 4.1871

Inverse Universe

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



56.7557, 47.4055, 41.2831



58.0701, 45.5573, 36.4045



57.2839, 76.3731, 65.3624



16.5234, 16.4922, 17.2368



20.3230, 10.4726, 1.1435



1.7946, 0.9238, 0.1446

Previews

White Background



This preview shows how the XYZ color 65.3496, 50.7222, 91.9340 looks on a white background.

Color Contrast Check

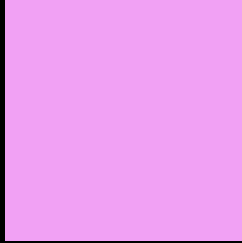
Large Text (above 18pt) WCAG AA × Fail

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 65.3496, 50.7222, 91.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

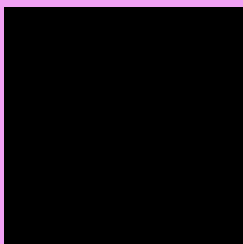
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3496, 50.7222, 91.9340

Background



This preview shows how black text looks on a background with the XYZ color 65.3496, 50.7222, 91.9340.



This preview shows how white text looks on a background with the XYZ color 65.3496, 50.7222,

91.9340.

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

65.3496, 50.7222, 91.9340

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.1949, 51.1736, 88.7879



Tritanopia

57.4108, 50.7559, 53.2254

Trichromacy



Original Color

65.3496, 50.7222, 91.9340



Protanomaly

55.8387, 50.4079, 98.0535



Deuteranomaly

56.2279, 50.4917, 90.0014



Tritanomaly

60.0425, 50.7138, 65.6556

Monochromacy



Original Color

65.3496, 50.7222, 91.9340



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.4756, 52.0582, 69.4117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3496, 50.7222, 91.9340 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(241, 161, 244)` looks like.

```
.text, #text, p{  
    color:rgb(241, 161, 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(241, 161, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 161, 244) }
```

Border

The CSS property to change the border of an element to XYZ 65.3496, 50.7222, 91.9340 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(241, 161, 244) }
```


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

```
.border{ border-color:rgb(241, 161, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 161, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 161, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 161, 244);  
box-shadow:4px 4px 4px 4px rgb(241, 161,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3496, 50.7222, 91.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 161, 244) }
```

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

```
.background{ background-color: rgb(241,  
161, 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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