

Converting Colors

XYZ(65.6933, 48.6911,
100.5436)

Have a look what the booklet for
XYZ(65.6933, 48.6911, 100.5436)
contains.

XYZ(65.7169, 48.7032, 100.5447)	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(65.7169, 48.7032,
100.5447)**

Conversions

Conversions Part 1

Format	Color
Hex	F199FF
RGB	241, 153, 255
RGB Percent	95%, 60%, 100%
CMY	0.0549, 0.4000, 0.0000
CMYK	0.05, 0.40, 0.00, 0.00
HSL	292°, 100%, 80%
HSV	292°, 40%, 100%
XYZ	65.7169, 48.7032, 100.5447
YIQ	190.9400, 19.7060, 50.3780

Conversions

Conversions Part 2

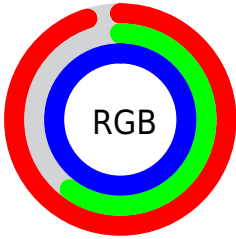
Format	Color
R _Y B	241, 153, 255
Decimal	15833599
CIE Lab	75.27, 48.74, -37.40
CIE LCh	75, 61.438, 322.498
Yxy	48.7032, 0.3057, 0.2266
Android (android.graphics.Color)	4294023679 (0xFFFF199FF)
YUV	190.9400, 31.5816, 43.9026
Hunter-Lab	69.7877, 45.9595, -36.5691

Details

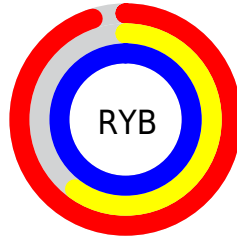
The XYZ color **65.7169, 48.7032, 100.5447** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.4471, 82.0359, 42.9459**, and the grayscale version is **49.3027, 51.8703, 56.4868**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **34.1833, 23.0682, 56.0770** is the 20% darker color. If you saturate the color by 10%, you get **60.7979, 40.6207, 99.2439**, and if you desaturate by 10%, it is **71.5537, 58.5851, 102.1445**.

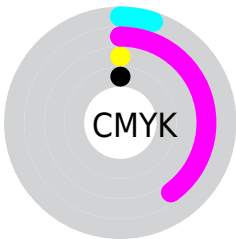
Distribution



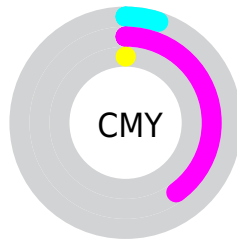
- Red (95%)
- Green (60%)
- Blue (100%)



- Red (95%)
- Yellow (60%)
- Blue (100%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7169, 48.7032, 100.5447 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 65.7169, 48.7032, 100.5447 by changing the saturation by 10% instead.


 65.7169, 48.7032,
100.5447


 65.7169, 48.7032,
100.5447


434.8683,
381.5727, 583.1992

 48.3095, 34.3841,
76.1361


 112.1399, 88.2505,
163.9639

 34.2843, 23.1888,
56.0368

 141.8862,
114.2474, 203.8116

 23.2760, 14.7330,
39.8282

176.4761,
144.9058, 249.6428

 14.9193, 8.6322,
27.0919

216.2751,
180.6100, 301.8759

 8.8487, 4.5021,
17.4092

261.6485,
221.7444, 360.9296

 4.6989, 1.9582,
10.3616

312.9616,

 2.1047, 0.5830,

268.6934, 427.2223

5.5307

370.5797,
321.8414, 501.1727

■ 0.6917, 0.0000,
2.4977

■ 0.0000, 0.0000,
0.8389

■ 65.7169, 48.7032,
100.5447

■ 65.7169, 48.7032,
100.5447

■ 60.7979, 40.6207,
99.2439

■ 71.5537, 58.5851,
102.1445

■ 56.7345, 34.2166,
98.2220

■ 78.3560, 70.3648,
104.0597

■ 53.4643, 29.3651,
97.4579

■ 86.1737, 84.1409,
106.3067

■ 50.9138, 25.9196,
96.9273

95.0500, 100.0000,
108.9000

■ 48.9955, 23.7052,
96.6010

■ 47.5666, 22.4364,
96.4314

■ 47.5663, 22.4362,
96.4313

Harmonies

Analogous

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



55.0958, 48.7032, 133.6064



65.7169, 48.7032, 100.5447



71.2951, 48.7032, 61.5599

Triad

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



65.7169, 48.7032, 100.5447



49.1808, 48.7032, 12.2094



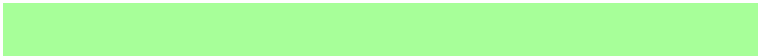
29.0053, 48.7032, 80.5251

Complementary

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



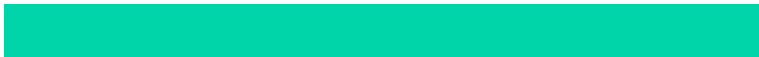
65.7169, 48.7032, 100.5447



57.4471, 82.0359, 42.9459

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.



27.9457, 48.7032, 45.3260



65.7169, 48.7032, 100.5447



38.4780, 48.7032, 13.8543

Square

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



65.7169, 48.7032, 100.5447



60.7899, 48.7032, 17.4399



31.1286, 48.7032, 23.4911



34.3028, 48.7032, 119.1458

Rectangle

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



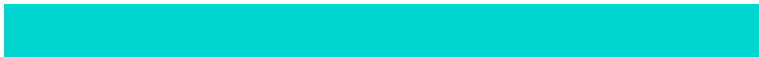
65.7169, 48.7032, 100.5447



70.8582, 48.7032, 40.6916



31.1286, 48.7032, 23.4911



28.1809, 48.7032, 67.6388

Sweetspot

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



65.7184, 48.7053, 100.5451



84.5251, 81.2188, 105.8296



45.2467, 42.1105, 100.3511



17.8665, 16.9856, 22.5868



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.



65.7184, 48.7053, 100.5451



61.7106, 42.0978, 99.4809



65.4580, 49.1745, 73.2679



18.5331, 18.1666, 22.7796



24.9491, 11.7722, 50.3919



2.4939, 1.1796, 4.9095

Inverse Universe

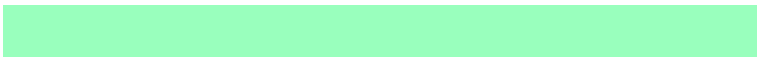
The Inverse Universe completely reimagines the original color for something new.



59.6074, 46.8342, 42.4588



55.0295, 40.1084, 33.4421



58.0509, 81.9540, 60.7345



18.1109, 18.0277, 19.2010



21.7380, 11.1845, 2.0049



2.1461, 1.1008, 0.3506

Previews

White Background



This preview shows how the XYZ color 65.7169, 48.7032, 100.5447 looks on a white background.

Color Contrast Check

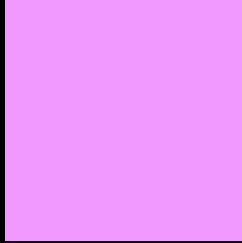
Large Text (above 18pt) WCAG AA × Fail

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 65.7169, 48.7032, 100.5447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

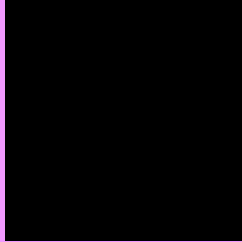
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7169, 48.7032, 100.5447

Background



This preview shows how black text looks on a background with the XYZ color 65.7169, 48.7032, 100.5447.



This preview shows how white text looks on a background with the XYZ color 65.7169, 48.7032,

100.5447.

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

65.7169, 48.7032, 100.5447

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

50.1808, 49.0314, 96.4417



Tritanopia

55.5865, 48.7423, 50.7344

Trichromacy



Original Color

65.7169, 48.7032, 100.5447



Protanomaly

54.2884, 47.8014, 100.9730



Deuteranomaly

54.6708, 48.0722, 97.6642

Tritanomaly

58.8668, 48.4600, 66.5727

Monochromacy



Original Color

65.7169, 48.7032, 100.5447



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

54.1542, 49.8546, 70.3870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7169, 48.7032, 100.5447 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, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 153, 255)  
}
```

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, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.7169, 48.7032, 100.5447 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, 153, 255) }
```


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

```
.border{ border-color:rgb(241, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7169, 48.7032, 100.5447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 153, 255) }
```

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

```
.background{ background-color: rgb(241,  
153, 255) }
```

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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