

Converting Colors

XYZ(91.5916, 61.0909,
235.1829)

Have a look what the booklet for
XYZ(91.5916, 61.0909, 235.1829)
contains.

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Color

**XYZ(66.0548, 50.8869,
100.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA1FF
RGB	238, 161, 255
RGB Percent	93%, 63%, 100%
CMY	0.0667, 0.3686, 0.0000
CMYK	0.07, 0.37, 0.00, 0.00
HSL	289°, 100%, 82%
HSV	289°, 37%, 100%
XYZ	66.0548, 50.8869, 100.9484
YIQ	194.7390, 15.7180, 45.5580

Conversions

Conversions Part 2

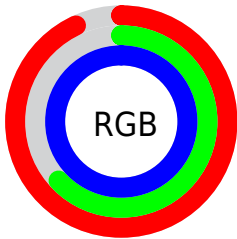
Format	Color
R _Y B	238, 161, 255
Decimal	15639039
CIE Lab	76.61, 43.70, -35.35
CIE LCh	77, 56.207, 321.035
Yxy	50.8869, 0.3032, 0.2335
Android (android.graphics.Color)	4293829119 (0xFFEEA1FF)
YUV	194.7390, 29.7087, 37.9399
Hunter-Lab	71.3351, 40.4510, -33.9685

Details

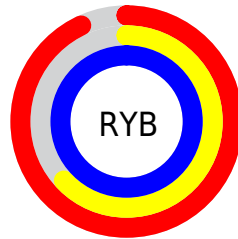
The XYZ color **66.0548, 50.8869, 100.9484** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.5543, 83.5587, 46.6575**, and the grayscale version is **51.5404, 54.2245, 59.0505**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **34.6117, 24.6261, 56.3552** is the 20% darker color. If you saturate the color by 10%, you get **60.5166, 42.0787, 99.5402**, and if you desaturate by 10%, it is **72.5444, 61.5370, 102.6621**.

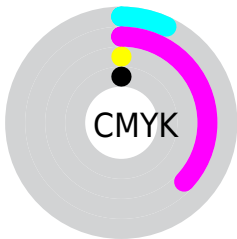
Distribution



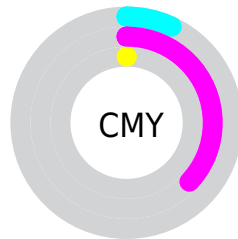
- Red (93%)
- Green (63%)
- Blue (100%)



- Red (93%)
- Yellow (63%)
- Blue (100%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0548, 50.8869, 100.9484 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 66.0548, 50.8869, 100.9484 by changing the saturation by 10% instead.


 66.0548, 50.8869,
100.9484


 66.0548, 50.8869,
100.9484


436.0584,
390.1242, 584.5017

 48.5848, 36.1186,
76.4715

 112.6223, 91.4876,
164.5231

 34.5034, 24.5258,
56.3103


 142.4504,
118.0887, 204.4580

 23.4453, 15.7241,
40.0461


177.1286,
149.4030, 250.3828

 15.0452, 9.3291,
27.2604

217.0223,
185.8147, 302.7158

 8.9376, 4.9565,
17.5347

262.4967,
227.7083, 361.8756

 4.7573, 2.2218,
10.4505

313.9173,

 2.1389, 0.7318,

275.4681, 428.2809

5.5892

371.6494,
329.4786, 502.3500

■ 0.7102, 0.0000,
2.5322

■ 0.0000, 0.0000,
0.8571

■ 66.0548, 50.8869,
100.9484

■ 66.0548, 50.8869,
100.9484

■ 60.5166, 42.0787,
99.5402

■ 72.5444, 61.5370,
102.6621

■ 55.8692, 34.9947,
98.4178

■ 80.0319, 74.1246,
104.6971

■ 52.0522, 29.5135,
97.5610

■ 88.5662, 88.7462,
107.0695

■ 48.9954, 25.4950,
96.9464

95.0500, 100.0000,
108.9000

■ 46.6162, 22.7747,
96.5468

■ 44.8104, 21.1445,
96.3273

■ 44.3123, 20.7587,
96.2791

Harmonies

Analogous

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



56.0769, 50.8869, 129.9291



66.0548, 50.8869, 100.9484



71.4848, 50.8869, 65.0343

Triad

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



66.0548, 50.8869, 100.9484



51.6205, 50.8869, 15.3772



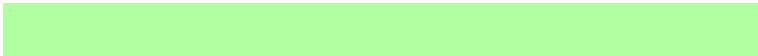
31.6935, 50.8869, 79.1753

Complementary

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



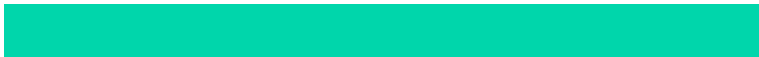
66.0548, 50.8869, 100.9484



60.5543, 83.5587, 46.6575

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.



30.8620, 50.8869, 46.7803



66.0548, 50.8869, 100.9484



41.3974, 50.8869, 16.7723

Square

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



66.0548, 50.8869, 100.9484



62.3855, 50.8869, 21.2280



34.1565, 50.8869, 26.1561



36.6227, 50.8869, 114.4909

Rectangle

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



66.0548, 50.8869, 100.9484



71.3186, 50.8869, 44.9449



34.1565, 50.8869, 26.1561



30.9571, 50.8869, 67.3788

Sweetspot

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



66.0564, 50.8890, 100.9488



84.9038, 82.4414, 106.0456



48.7167, 46.7330, 101.0605



17.9247, 17.2205, 22.6291



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.



66.0564, 50.8890, 100.9488



62.0077, 44.4178, 99.9131



67.6085, 52.2006, 77.9147



18.4515, 18.1245, 22.7758



23.2708, 10.9070, 50.3133



2.3459, 1.1033, 4.9026

Inverse Universe

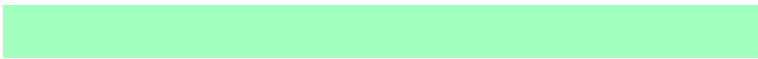
The Inverse Universe completely reimagines the original color for something new.



62.0219, 49.9660, 48.4966



57.6514, 43.4925, 40.0490



59.8377, 82.8491, 61.9954



18.1435, 18.0407, 19.3727



21.8460, 11.2277, 2.5738



2.1616, 1.1070, 0.4326

Previews

White Background



This preview shows how the XYZ color 66.0548, 50.8869, 100.9484 looks on a white background.

Color Contrast Check

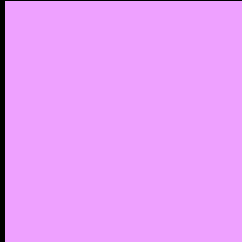
Large Text (above 18pt) WCAG AA × Fail

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 66.0548, 50.8869, 100.9484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

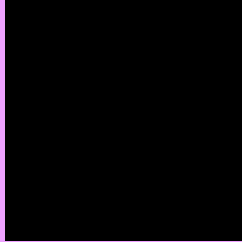
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0548, 50.8869, 100.9484

Background



This preview shows how black text looks on a background with the XYZ color 66.0548, 50.8869, 100.9484.



This preview shows how white text looks on a background with the XYZ color 66.0548, 50.8869,

100.9484.

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

66.0548, 50.8869, 100.9484

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.2698, 51.0186, 97.5351



Tritanopia

56.7202, 50.9488, 54.4216

Trichromacy



Original Color

66.0548, 50.8869, 100.9484



Protanomaly

56.2185, 50.5301, 101.3980



Deuteranomaly

56.3188, 50.3429, 98.8443

Tritanomaly

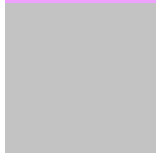
59.5371, 50.6587, 68.9275

Monochromacy



Original Color

66.0548, 50.8869, 100.9484



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.3218, 52.7256, 72.8542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0548, 50.8869, 100.9484 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(238, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 161, 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(238, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.0548, 50.8869, 100.9484 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(238, 161, 255) }
```


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

```
.border{ border-color:rgb(238, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0548, 50.8869, 100.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 161, 255) }
```

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

```
.background{ background-color: rgb(238,  
161, 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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