

Converting Colors

XYZ(69.3167, 50.4347,
133.6075)

Have a look what the booklet for
XYZ(69.3167, 50.4347, 133.6075)
contains.

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Color

**XYZ(63.0501, 47.8185,
100.5145)**

Conversions

Conversions Part 1

Format	Color
Hex	E89BFF
RGB	232, 155, 255
RGB Percent	91%, 61%, 100%
CMY	0.0902, 0.3921, 0.0000
CMYK	0.09, 0.39, 0.00, 0.00
HSL	286°, 100%, 80%
HSV	286°, 39%, 100%
XYZ	63.0501, 47.8185, 100.5145
YIQ	189.4230, 13.7920, 47.4240

Conversions

Conversions Part 2

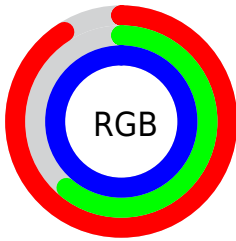
Format	Color
R _Y B	232, 155, 255
Decimal	15244287
CIE Lab	74.71, 45.07, -38.34
CIE LCh	75, 59.175, 319.614
Yxy	47.8185, 0.2983, 0.2262
Android (android.graphics.Color)	4293434367 (0xFFE89BFF)
YUV	189.4230, 32.3295, 37.3400
Hunter-Lab	69.1509, 41.7378, -37.7755

Details

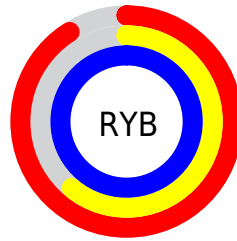
The XYZ color **63.0501, 47.8185, 100.5145** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.0375, 83.3520, 43.9367**, and the grayscale version is **48.4284, 50.9504, 55.4850**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **32.6236, 22.6939, 56.0870** is the 20% darker color. If you saturate the color by 10%, you get **57.3741, 39.2448, 99.1588**, and if you desaturate by 10%, it is **69.6886, 58.2208, 102.1725**.

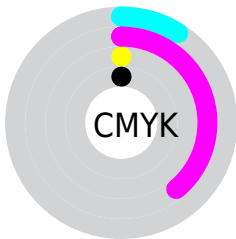
Distribution



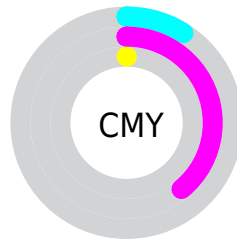
- Red (91%)
- Green (61%)
- Blue (100%)



- Red (91%)
- Yellow (61%)
- Blue (100%)



- Cyan (9%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0501, 47.8185, 100.5145 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 63.0501, 47.8185, 100.5145 by changing the saturation by 10% instead.

 63.0501, 47.8185,
100.5145


 63.0501, 47.8185,
100.5145


425.4081,
378.0723, 583.1017

 46.1405, 33.6832,
76.1110


 108.3232, 86.9341,
163.9221

 32.5618, 22.6503,
56.0163


 137.4174,
112.6832, 203.7633

 21.9486, 14.3355,
39.8119

171.3040,
143.0723, 249.5874

 13.9355, 8.3544,
27.0793

210.3481,
178.4858, 301.8131

 8.1572, 4.3225,
17.3998

254.9152,
219.3082, 360.8588

 4.2484, 1.8556,
10.3550

305.3707,

 1.8436, 0.5215,

265.9238, 427.1431

5.5263

362.0799,
318.7170, 501.0846

■ 0.5437, 0.0000,
2.4952

■ 0.0000, 0.0000,
0.8376

■ 63.0501, 47.8185,
100.5145

■ 63.0501, 47.8185,
100.5145

■ 57.3741, 39.2448,
99.1588

■ 69.6886, 58.2208,
102.1725

■ 52.5987, 32.3799,
98.0854

■ 77.3377, 70.5501,
104.1491

■ 48.6612, 27.0984,
97.2735

■ 86.0473, 84.9043,
106.4607

■ 45.4888, 23.2555,
96.6990

95.0500, 100.0000,
108.9000

■ 42.9948, 20.6787,
96.3330

■ 41.0491, 19.1088,
96.1326

■ 40.9069, 19.0032,
96.1197

Harmonies

Analogous

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



52.7350, 47.8185, 129.9365



63.0501, 47.8185, 100.5145



68.9197, 47.8185, 63.4643

Triad

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



63.0501, 47.8185, 100.5145



49.2728, 47.8185, 12.8851



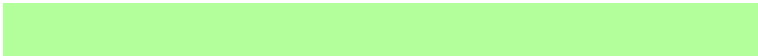
28.6509, 47.8185, 74.5313

Complementary

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



63.0501, 47.8185, 100.5145



60.0375, 83.3520, 43.9367

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.



28.0238, 47.8185, 42.1217



63.0501, 47.8185, 100.5145



38.8689, 47.8185, 13.8797

Square

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



63.0501, 47.8185, 100.5145



60.1750, 47.8185, 18.7772



31.4740, 47.8185, 22.3937



33.3475, 47.8185, 111.3026

Rectangle

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



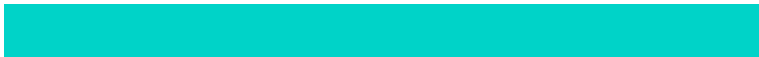
63.0501, 47.8185, 100.5145



68.9835, 47.8185, 42.8067



31.4740, 47.8185, 22.3937



27.9888, 47.8185, 62.5731

Sweetspot

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



63.0516, 47.8205, 100.5148



83.5113, 80.6962, 105.7821



47.5560, 46.1641, 101.0118



17.6266, 16.8620, 22.5756



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.



63.0516, 47.8205, 100.5148



58.5511, 40.9917, 99.4339



67.0122, 50.3243, 79.8242



18.3602, 18.0774, 22.7716



21.5117, 10.0002, 50.2310



2.1892, 1.0225, 4.8952

Inverse Universe

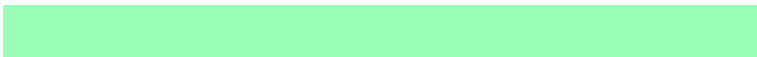
The Inverse Universe completely reimagines the original color for something new.



60.9983, 47.9187, 48.1551



56.5102, 41.2639, 39.5025



57.6879, 81.8528, 56.8362



18.1805, 18.0555, 19.5676



22.0031, 11.2905, 3.4010



2.1820, 1.1152, 0.5396

Previews

White Background



This preview shows how the XYZ color 63.0501, 47.8185, 100.5145 looks on a white background.

Color Contrast Check

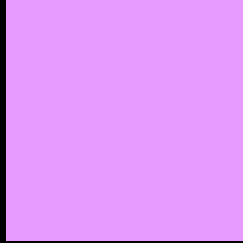
Large Text (above 18pt) WCAG AA × Fail

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 63.0501, 47.8185, 100.5145 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 63.0501, 47.8185, 100.5145

Background



This preview shows how black text looks on a background with the XYZ color 63.0501, 47.8185, 100.5145.



This preview shows how white text looks on a background with the XYZ color 63.0501, 47.8185,

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

63.0501, 47.8185, 100.5145

Protanopia

49.4759, 48.2530, 101.3138

Deuteranopia

49.5003, 48.3574, 97.1674



Tritanopia

53.0462, 47.6979, 51.2105

Trichromacy



Original Color

63.0501, 47.8185, 100.5145



Protanomaly

53.2960, 47.2898, 100.9266



Deuteranomaly

53.3095, 47.3521, 98.4256

Tritanomaly

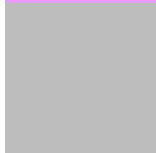
56.3278, 47.6825, 66.5564

Monochromacy



Original Color

63.0501, 47.8185, 100.5145



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.9092, 49.2275, 69.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0501, 47.8185, 100.5145 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(232, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 155, 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(232, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 155, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.0501, 47.8185, 100.5145 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(232, 155, 255) }
```


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

```
.border{ border-color:rgb(232, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 155,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0501, 47.8185, 100.5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 155, 255) }
```

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

```
.background{ background-color: rgb(232,  
155, 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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