

Converting Colors

XYZ(97.8850, 61.6563,
290.5047)

Have a look what the booklet for
XYZ(97.8850, 61.6563, 290.5047)
contains.

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Color

**XYZ(61.7663, 47.1567,
100.4545)**

Conversions

Conversions Part 1

Format	Color
Hex	E49BFF
RGB	228, 155, 255
RGB Percent	89%, 61%, 100%
CMY	0.1059, 0.3921, 0.0000
CMYK	0.11, 0.39, 0.00, 0.00
HSL	284°, 100%, 80%
HSV	284°, 39%, 100%
XYZ	61.7663, 47.1567, 100.4545
YIQ	188.2270, 11.4080, 46.5760

Conversions

Conversions Part 2

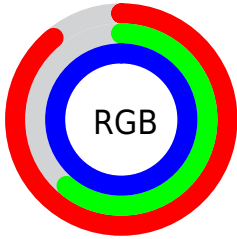
Format	Color
R _Y B	228, 155, 255
Decimal	14982143
CIE _{Lab}	74.29, 43.91, -39.03
CIE _{LCh}	74, 58.744, 318.366
Yxy	47.1567, 0.2950, 0.2252
Android (android.graphics.Color)	4293172223 (0xFFE49BFF)
YUV	188.2270, 32.9191, 34.8809
Hunter-Lab	68.6707, 40.3791, -38.6624

Details

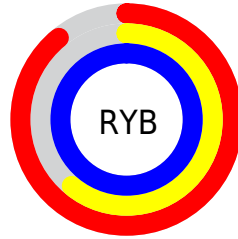
The XYZ color **61.7663, 47.1567, 100.4545** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.9688, 83.8321, 43.9803**, and the grayscale version is **47.7446, 50.2310, 54.7016**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **31.7390, 22.2379, 56.0456** is the 20% darker color. If you saturate the color by 10%, you get **55.8215, 38.4444, 99.0861**, and if you desaturate by 10%, it is **68.6970, 57.7096, 102.1261**.

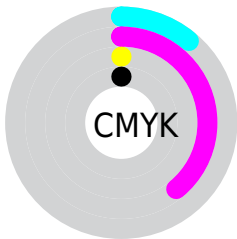
Distribution



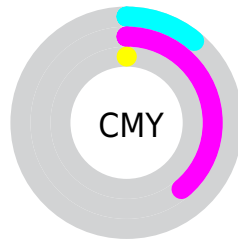
- Red (89%)
- Green (61%)
- Blue (100%)



- Red (89%)
- Yellow (61%)
- Blue (100%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7663, 47.1567, 100.4545 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 61.7663, 47.1567, 100.4545 by changing the saturation by 10% instead.


 61.7663, 47.1567,
100.4545


 61.7663, 47.1567,
100.4545


420.8093,
375.4397, 582.9080

 45.0988, 33.1595,
76.0612


 106.4795, 85.9475,
163.8389

 31.7368, 22.2487,
55.9757


 135.2560,
111.5099, 203.6671

 21.3151, 14.0398,
39.7796

168.7994,
141.6962, 249.4774

 13.4683, 8.1483,
27.0543

207.4752,
176.8908, 301.6882

 7.8310, 4.1900,
17.3812

251.6488,
217.4780, 360.7181

 4.0379, 1.7804,
10.3418

301.6854,

 1.7236, 0.4749,

263.8423, 426.9857

5.5176

357.9504,
316.3681, 500.9095

■ 0.4710, 0.0000,
2.4900

■ 0.0000, 0.0000,
0.8349

■ 61.7663, 47.1567,
100.4545

■ 61.7663, 47.1567,
100.4545

■ 55.8215, 38.4444,
99.0861

■ 68.6970, 57.7096,
102.1261

■ 50.8003, 31.4528,
98.0013

■ 76.6621, 70.2018,
104.1175

■ 46.6399, 26.0564,
97.1789

■ 85.7120, 84.7315,
106.4450

■ 43.2667, 22.1099,
96.5950

95.0500, 100.0000,
108.9000

■ 40.5937, 19.4409,
96.2207

■ 38.4904, 17.7897,
96.0128

■ 38.3368, 17.6782,
95.9994

Harmonies

Analogous

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



51.5251, 47.1567, 128.6278



61.7663, 47.1567, 100.4545



67.7842, 47.1567, 63.9822

Triad

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



61.7663, 47.1567, 100.4545



49.0398, 47.1567, 12.8629



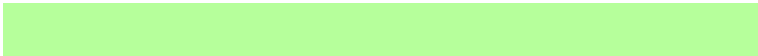
28.1862, 47.1567, 71.9246

Complementary

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



61.7663, 47.1567, 100.4545



60.9688, 83.8321, 43.9803

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.



27.7358, 47.1567, 40.4931



61.7663, 47.1567, 100.4545



38.7253, 47.1567, 13.5778

Square

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



61.7663, 47.1567, 100.4545



59.7028, 47.1567, 19.0023



31.2985, 47.1567, 21.6003



32.6438, 47.1567, 108.1951

Rectangle

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



61.7663, 47.1567, 100.4545



68.0494, 47.1567, 43.3443



31.2985, 47.1567, 21.6003



27.5901, 47.1567, 60.2757

Sweetspot

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



61.7678, 47.1586, 100.4548



83.0788, 80.4732, 105.7619



48.5715, 48.1951, 101.3503



17.5245, 16.8093, 22.5708



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.



61.7678, 47.1586, 100.4548



57.0561, 40.2210, 99.3640



67.7179, 50.6066, 83.5404



18.2862, 18.0393, 22.7681



20.1819, 9.3146, 50.1688



2.0694, 0.9607, 4.8896

Inverse Universe

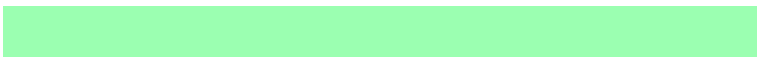
The Inverse Universe completely reimagines the original color for something new.



61.4059, 48.0818, 50.3016



56.9471, 41.4387, 41.8031



57.1815, 81.6502, 54.1692



18.2108, 18.0676, 19.7271



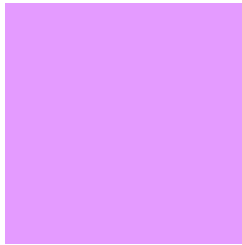
22.1604, 11.3535, 4.2294



2.2010, 1.1228, 0.6398

Previews

White Background



This preview shows how the XYZ color 61.7663, 47.1567, 100.4545 looks on a white background.

Color Contrast Check

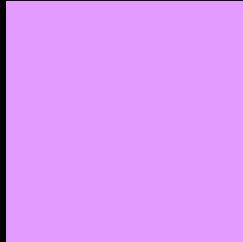
Large Text (above 18pt) WCAG AA × Fail

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 61.7663, 47.1567, 100.4545 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 61.7663, 47.1567, 100.4545

Background



This preview shows how black text looks on a background with the XYZ color 61.7663, 47.1567, 100.4545.



This preview shows how white text looks on a background with the XYZ color 61.7663, 47.1567,

100.4545.

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

61.7663, 47.1567, 100.4545

Protanopia

48.8719, 47.6387, 101.2271

Deuteranopia

48.6795, 47.6313, 97.0705



Tritanopia

51.5372, 46.9201, 51.1399

Trichromacy



Original Color

61.7663, 47.1567, 100.4545



Protanomaly

52.5697, 46.9154, 100.8926



Deuteranomaly

52.5729, 46.9724, 98.3912

Tritanomaly

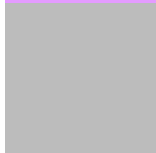
54.7826, 46.8859, 66.4841

Monochromacy



Original Color

61.7663, 47.1567, 100.4545



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.0376, 48.5006, 68.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7663, 47.1567, 100.4545 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(228, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 155, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7663, 47.1567, 100.4545 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(228, 155, 255) }
```


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

```
.border{ border-color:rgb(228, 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(228, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 155,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7663, 47.1567, 100.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 155, 255) }
```

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

```
.background{ background-color: rgb(228,  
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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