

Converting Colors

XYZ(60.6834, 46.8479, 79.8666)

Have a look what the booklet for
XYZ(60.6834, 46.8479, 79.8666)
contains.

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Color

**XYZ(60.6235, 46.7729,
79.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9AE5
RGB	237, 154, 229
RGB Percent	93%, 60%, 90%
CMY	0.0706, 0.3961, 0.1020
CMYK	0.00, 0.35, 0.03, 0.07
HSL	306°, 70%, 77%
HSV	306°, 35%, 93%
XYZ	60.6235, 46.7729, 79.9616
YIQ	187.3670, 25.3930, 40.9210

Conversions

Conversions Part 2

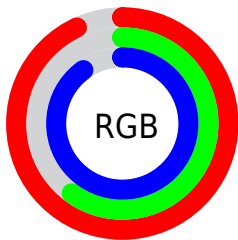
Format	Color
RYB	237, 154, 229
Decimal	15571685
CIELab	74.04, 42.28, -25.19
CIELCh	74, 49.214, 329.209
Yxy	46.7729, 0.3236, 0.2496
Android (android.graphics.Color)	4293761765 (0xFFED9AE5)
YUV	187.3670, 20.5251, 43.5281
Hunter-Lab	68.3907, 38.5438, -21.4477

Details

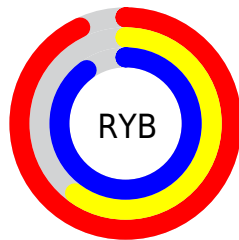
The XYZ color **60.6235, 46.7729, 79.9616** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.1342, 70.0485, 45.0636**, and the grayscale version is **47.3202, 49.7846, 54.2154**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **31.0189, 22.0278, 42.1521** is the 20% darker color. If you saturate the color by 10%, you get **56.7748, 39.5818, 77.1156**, and if you desaturate by 10%, it is **65.2515, 55.5142, 83.0891**.

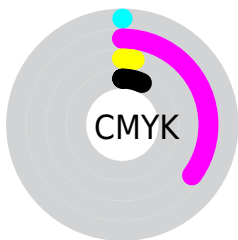
Distribution



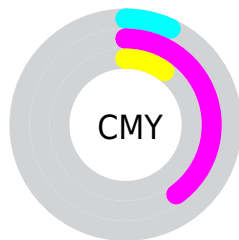
- Red (93%)
- Green (60%)
- Blue (90%)



- Red (93%)
- Yellow (60%)
- Blue (90%)



- Cyan (0%)
- Magenta (35%)
- Yellow (3%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6235, 46.7729, 79.9616 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 60.6235, 46.7729, 79.9616 by changing the saturation by 10% instead.


 60.6235, 46.7729,
79.9616


 60.6235, 46.7729,
79.9616


416.6902,
373.9073, 514.5068

 44.1728, 32.8562,
59.1608


 104.8348, 85.3745,
135.1227

 31.0049, 22.0163,
42.3217


 133.3261,
110.8282, 170.3200

 20.7544, 13.8689,
29.0258


166.5616,
140.8963, 211.1532

 13.0560, 8.0295,
18.8546

204.9067,
175.9633, 258.0408

 7.5444, 4.1138,
11.3895

248.7268,
216.4135, 311.4015

 3.8542, 1.7374,
6.2120

298.3872,

 1.6200, 0.4477,

262.6313, 371.6537

2.9036

354.2532,
315.0011, 439.2159

■ 0.4054, 0.0000,
1.0456

■ 0.0000, 0.0000,
0.0000

■ 60.6235, 46.7729,
79.9616

■ 60.6235, 46.7729,
79.9616

■ 56.7748, 39.5818,
77.1156

■ 65.2515, 55.5142,
83.0891

■ 53.6553, 33.8433,
74.5329

■ 70.6964, 65.8833,
86.5091

■ 51.2160, 29.4586,
72.1974

■ 76.9986, 77.9602,
90.2357

■ 49.4001, 26.3138,
70.0902

■ 84.1943, 91.8175,
94.2812

■ 48.1412, 24.2766,
68.1890

■ 86.4767, 95.8412,
96.7099

■ 47.3581, 23.1844,
66.4668

■ 86.8191, 95.9782,
98.5131

■ 47.0830, 22.8677,
65.6549

■ 87.1658, 96.1169,
100.3388

■ 87.5169, 96.2573,
102.1873

■ 87.8722, 96.3994,
104.0585

Harmonies

Analogous

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



53.2300, 46.7729, 105.9775



60.6235, 46.7729, 79.9616



63.6004, 46.7729, 51.5993

Triad

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



60.6235, 46.7729, 79.9616



44.6901, 46.7729, 16.2283



31.2688, 46.7729, 78.4073

Complementary

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



60.6235, 46.7729, 79.9616



50.1342, 70.0485, 45.0636

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.



29.6000, 46.7729, 50.2620



60.6235, 46.7729, 79.9616



36.7038, 46.7729, 19.2718

Square

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



60.6235, 46.7729, 79.9616



53.6873, 46.7729, 19.6238



31.4538, 46.7729, 29.9404



36.3490, 46.7729, 104.8913

Rectangle

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



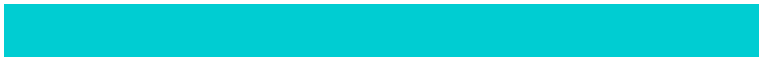
60.6235, 46.7729, 79.9616



62.4144, 46.7729, 36.5970



31.4538, 46.7729, 29.9404



30.3225, 46.7729, 68.5824

Sweetspot

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



60.6250, 46.7750, 79.9626



86.3131, 83.2179, 103.8551



41.5250, 36.7965, 85.0356



18.2629, 17.4069, 22.1029



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.



60.6250, 46.7750, 79.9626



68.2462, 48.9813, 91.9845



55.6225, 44.7740, 53.6201



15.6486, 15.2873, 18.7006



25.7323, 12.4956, 35.9874



2.0388, 0.9885, 2.9218

Inverse Universe

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



60.6250, 46.7750, 79.9626



68.2462, 48.9813, 91.9845



54.3225, 71.7239, 67.1190



15.6486, 15.2873, 18.7006



25.7323, 12.4956, 35.9874



2.0388, 0.9885, 2.9218

Previews

White Background



This preview shows how the XYZ color 60.6235, 46.7729, 79.9616 looks on a white background.

Color Contrast Check

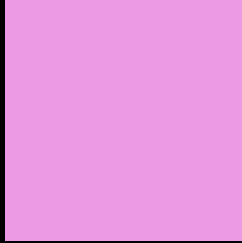
Large Text (above 18pt) WCAG AA × Fail

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 60.6235, 46.7729, 79.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

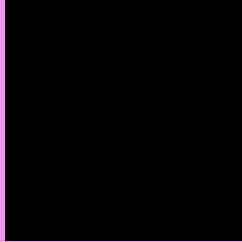
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6235, 46.7729, 79.9616

Background



This preview shows how black text looks on a background with the XYZ color 60.6235, 46.7729, 79.9616.



This preview shows how white text looks on a background with the XYZ color 60.6235, 46.7729,

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

60.6235, 46.7729, 79.9616

Protanopia

48.3688, 47.2064, 95.3694

Deuteranopia

48.1651, 47.2057, 77.0941



Tritanopia

53.8444, 46.5482, 47.7418

Trichromacy



Original Color

60.6235, 46.7729, 79.9616



Protanomaly

51.6753, 46.4238, 89.4562



Deuteranomaly

51.9216, 46.5198, 78.1942



Tritanomaly

56.1389, 46.4508, 58.2316

Monochromacy



Original Color

60.6235, 46.7729, 79.9616



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.1675, 47.9033, 62.4266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6235, 46.7729, 79.9616 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(237, 154, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 154, 229)  
}
```

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(237, 154, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 154, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.6235, 46.7729, 79.9616 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(237, 154, 229) }
```


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

```
.border{ border-color:rgb(237, 154, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 154, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 154, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 154, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 154,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6235, 46.7729, 79.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 154, 229) }
```

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

```
.background{ background-color: rgb(237,  
154, 229) }
```

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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