

Converting Colors

XYZ(60.4121, 41.3089, 99.3971)

Have a look what the booklet for
XYZ(60.4121, 41.3089, 99.3971)
contains.

XYZ(60.5622, 41.3847, 99.4038)	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(60.5622, 41.3847,
99.4038)**

Conversions

Conversions Part 1

Format	Color
Hex	EB84FF
RGB	235, 132, 255
RGB Percent	92%, 52%, 100%
CMY	0.0784, 0.4823, 0.0000
CMYK	0.08, 0.48, 0.00, 0.00
HSL	290°, 100%, 76%
HSV	290°, 48%, 100%
XYZ	60.5622, 41.3847, 99.4038
YIQ	176.8190, 21.9050, 60.0890

Conversions

Conversions Part 2

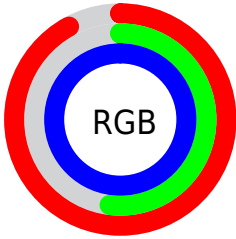
Format	Color
R _Y B	235, 132, 255
Decimal	15435007
CIE Lab	70.44, 57.65, -44.98
CIE LCh	70, 73.117, 322.039
Yxy	41.3847, 0.3008, 0.2055
Android (android.graphics.Color)	4293625087 (0xFFEB84FF)
YUV	176.8190, 38.5432, 51.0247
Hunter-Lab	64.3309, 55.4637, -46.5829

Details

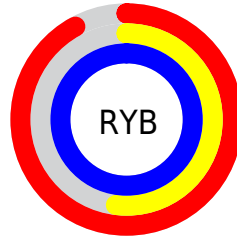
The XYZ color **60.5622, 41.3847, 99.4038** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.8747, 79.8618, 34.4597**, and the grayscale version is **41.4927, 43.6535, 47.5387**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **31.0489, 18.8731, 55.4325** is the 20% darker color. If you saturate the color by 10%, you get **56.1647, 34.5974, 98.3255**, and if you desaturate by 10%, it is **65.8392, 49.8817, 100.7658**.

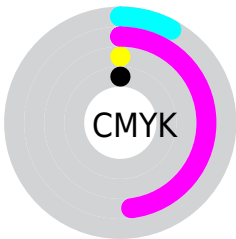
Distribution



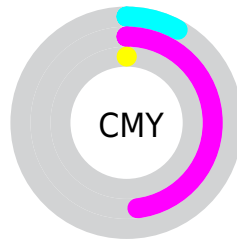
- Red (92%)
- Green (52%)
- Blue (100%)



- Red (92%)
- Yellow (52%)
- Blue (100%)



- Cyan (8%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5622, 41.3847, 99.4038 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 60.5622, 41.3847, 99.4038 by changing the saturation by 10% instead.

 60.5622, 41.3847,
99.4038


 60.5622, 41.3847,
99.4038


416.4685,
351.9259, 579.5098


 44.1231, 28.6198,
75.1886

 104.7465, 77.2675,
162.3824

 30.9657, 18.7934,
55.2648


 133.2224,
101.1543, 201.9828

 20.7244, 11.5211,
39.2137

 166.4414,
129.5171, 247.5487

 13.0340, 6.4185,
26.6169

204.7687,
162.7403, 299.4987

 7.5291, 3.1012,
17.0558

248.5697,
201.2085, 358.2513

 3.8444, 1.1848,
10.1119

298.2098,

 1.6145, 0.0492,

245.3058, 424.2250

5.3667

354.0543,
295.4168, 497.8383

■ 0.4018, 0.0000,
2.4015

■ 0.0000, 0.0000,
0.7873

■ 60.5622, 41.3847,
99.4038

■ 60.5622, 41.3847,
99.4038

■ 56.1647, 34.5974,
98.3255

■ 65.8392, 49.8817,
100.7658

■ 52.5799, 29.3894,
97.5092

■ 72.0483, 60.1962,
102.4294

■ 49.7375, 25.6194,
96.9313

■ 79.2425, 72.4328,
104.4121

■ 47.5529, 23.1187,
96.5638

■ 87.4695, 86.6869,
106.7298

■ 45.9098, 21.6548, 95.0500, 100.0000,
96.3678 108.9000

■ 45.6472, 21.4469,
96.3415

Harmonies

Analogous

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



48.6794, 41.3847, 138.7235



60.5622, 41.3847, 99.4038



67.0135, 41.3847, 54.8846

Triad

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



60.5622, 41.3847, 99.4038



42.6302, 41.3847, 6.1244



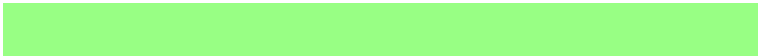
21.5381, 41.3847, 74.8073

Complementary

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



60.5622, 41.3847, 99.4038



52.8747, 79.8618, 34.4597

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.



20.5699, 41.3847, 36.4855



60.5622, 41.3847, 99.4038



31.2700, 41.3847, 7.3051

Square

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



60.5622, 41.3847, 99.4038



55.3676, 41.3847, 10.3905



23.7569, 41.3847, 15.3389



26.7410, 41.3847, 120.1787

Rectangle

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



60.5622, 41.3847, 99.4038



66.6063, 41.3847, 32.5960



23.7569, 41.3847, 15.3389



20.7562, 41.3847, 60.3564

Sweetspot

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



60.5636, 41.3864, 99.4041



82.5965, 78.2154, 105.3515



38.8768, 34.7465, 99.2655



17.3081, 16.1007, 22.4455



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.



60.5636, 41.3864, 99.4041



56.2578, 34.7373, 98.3476



61.6298, 42.6191, 68.5975



18.4856, 18.1421, 22.7774



23.9596, 11.2621, 50.3456



2.4068, 1.1347, 4.9054

Inverse Universe

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



55.1597, 40.0310, 34.5267



50.6149, 33.4389, 25.3118



52.8197, 79.4432, 52.0871



18.1298, 18.0352, 19.3007



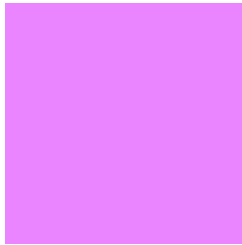
21.7974, 11.2082, 2.3175



2.1549, 1.1043, 0.3973

Previews

White Background



This preview shows how the XYZ color 60.5622, 41.3847, 99.4038 looks on a white background.

Color Contrast Check

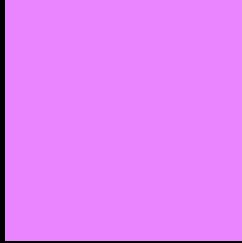
Large Text (above 18pt) WCAG AA × Fail

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 60.5622, 41.3847, 99.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

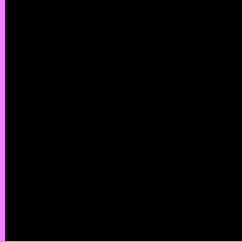
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5622, 41.3847, 99.4038

Background



This preview shows how black text looks on a background with the XYZ color 60.5622, 41.3847, 99.4038.



This preview shows how white text looks on a background with the XYZ color 60.5622, 41.3847,

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

60.5622, 41.3847, 99.4038

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.8339, 41.7428, 94.6065



Tritanopia

48.6142, 41.1871, 40.9850

Trichromacy



Original Color

60.5622, 41.3847, 99.4038



Protanomaly

47.8430, 40.2270, 99.8507



Deuteranomaly

47.3741, 40.3091, 96.5503

Tritanomaly

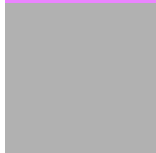
51.9970, 40.6589, 58.5335

Monochromacy



Original Color

60.5622, 41.3847, 99.4038



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

47.0530, 41.9033, 63.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5622, 41.3847, 99.4038 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(235, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 132, 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(235, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 132, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.5622, 41.3847, 99.4038 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(235, 132, 255) }
```


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

```
.border{ border-color:rgb(235, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 132,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5622, 41.3847, 99.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 132, 255) }
```

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

```
.background{ background-color: rgb(235,  
132, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor