

Converting Colors

XYZ(75.3514, 51.3236,
171.7707)

Have a look what the booklet for
XYZ(75.3514, 51.3236, 171.7707)
contains.

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Color

**XYZ(61.9113, 46.0216,
100.2277)**

Conversions

Conversions Part 1

Format	Color
Hex	E796FF
RGB	231, 150, 255
RGB Percent	91%, 59%, 100%
CMY	0.0941, 0.4117, 0.0000
CMYK	0.09, 0.41, 0.00, 0.00
HSL	286°, 100%, 79%
HSV	286°, 41%, 100%
XYZ	61.9113, 46.0216, 100.2277
YIQ	186.1890, 14.5710, 49.8270

Conversions

Conversions Part 2

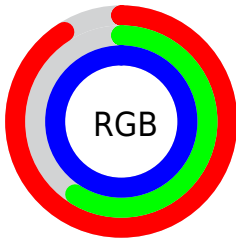
Format	Color
R_{YB}	231, 150, 255
Decimal	15177471
CIE _{Lab}	73.56, 47.39, -40.14
CIE _{LCh}	74, 62.107, 319.736
Yxy	46.0216, 0.2974, 0.2211
Android (android.graphics.Color)	4293367551 (0xFFE796FF)
YUV	186.1890, 33.9238, 39.2992
Hunter-Lab	67.8392, 44.1837, -40.1094

Details

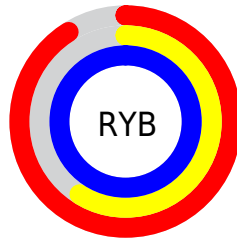
The XYZ color **61.9113, 46.0216, 100.2277** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.7216, 82.7212, 41.7281**, and the grayscale version is **46.5895, 49.0158, 53.3782**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **31.9233, 21.6253, 55.9176** is the 20% darker color. If you saturate the color by 10%, you get **56.4266, 37.7976, 98.9294**, and if you desaturate by 10%, it is **68.3469, 56.0522, 101.8246**.

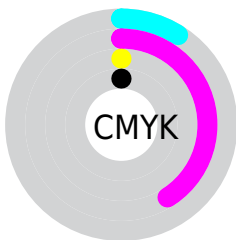
Distribution



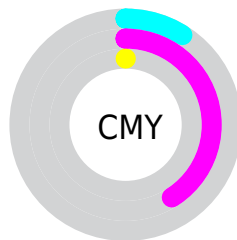
- Red (91%)
- Green (59%)
- Blue (100%)



- Red (91%)
- Yellow (59%)
- Blue (100%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9113, 46.0216, 100.2277 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 61.9113, 46.0216, 100.2277 by changing the saturation by 10% instead.


 61.9113, 46.0216,
100.2277


 61.9113, 46.0216,
100.2277


421.3302,
370.8955, 582.1754

 45.2164, 32.2629,
75.8728

 106.6880, 84.2513,
163.5247

 31.8299, 21.5624,
55.8222

 135.5004,
109.4911, 203.3038

 21.3865, 13.5357,
39.6573


169.0828,
139.3267, 249.0614

 13.5209, 7.7984,
26.9597

207.8004,
174.1425, 301.2160

 7.8677, 3.9662,
17.3108

252.0185,
214.3228, 360.1861

 4.0615, 1.6547,
10.2920

302.1027,

 1.7370, 0.3941,

260.2522, 426.3904

5.4849

358.4181,
312.3150, 500.2473

■ 0.4792, 0.0000,
2.4708

■ 0.0000, 0.0000,
0.8246

■ 61.9113, 46.0216,
100.2277

■ 61.9113, 46.0216,
100.2277

■ 56.4266, 37.7976,
98.9294

■ 68.3469, 56.0522,
101.8246

■ 51.8297, 31.2583,
97.9095

■ 75.7822, 67.9896,
103.7369

■ 48.0566, 26.2753,
97.1465

■ 84.2682, 81.9333,
105.9810

■ 45.0321, 22.6991,
96.6157

■ 93.8505, 97.9743,
108.5722

■ 42.6660, 20.3504, 95.0500, 100.0000,
96.2870 108.9000

■ 41.0018, 19.0521,
96.1241

Harmonies

Analogous

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



51.2659, 46.0216, 131.2881



61.9113, 46.0216, 100.2277



67.9792, 46.0216, 61.6742

Triad

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



61.9113, 46.0216, 100.2277



47.6130, 46.0216, 11.0538



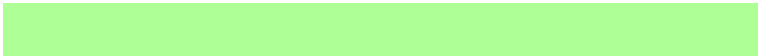
26.7273, 46.0216, 73.4265

Complementary

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



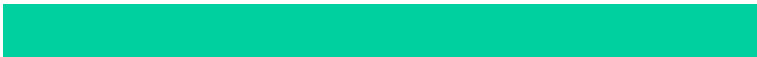
61.9113, 46.0216, 100.2277



58.7216, 82.7212, 41.7281

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.



26.0828, 46.0216, 40.0895



61.9113, 46.0216, 100.2277



36.9931, 46.0216, 12.0243

Square

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



61.9113, 46.0216, 100.2277



58.8554, 46.0216, 16.6830



29.5287, 46.0216, 20.3093



31.4666, 46.0216, 111.8583

Rectangle

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



61.9113, 46.0216, 100.2277



68.0245, 46.0216, 40.5644



29.5287, 46.0216, 20.3093



26.0589, 46.0216, 61.0460

Sweetspot

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



61.9128, 46.0235, 100.2280



83.5268, 80.7041, 105.7829



45.8621, 44.1716, 100.7165



17.6303, 16.8639, 22.5758



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.



61.9128, 46.0235, 100.2280



57.5418, 39.4387, 99.1874



66.0124, 48.6204, 78.5794



18.3628, 18.0788, 22.7717



21.5607, 10.0254, 50.2333



2.1936, 1.0248, 4.8955

Inverse Universe

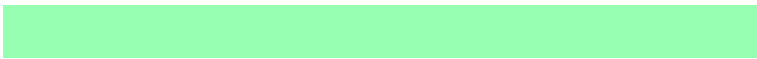
The Inverse Universe completely reimagines the original color for something new.



59.7874, 46.1304, 45.7988



55.4534, 39.7282, 37.3689



56.3748, 81.2190, 54.8269



18.1794, 18.0551, 19.5619



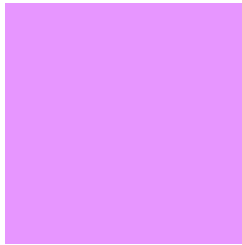
21.9980, 11.2885, 3.3741



2.1813, 1.1149, 0.5363

Previews

White Background



This preview shows how the XYZ color 61.9113, 46.0216, 100.2277 looks on a white background.

Color Contrast Check

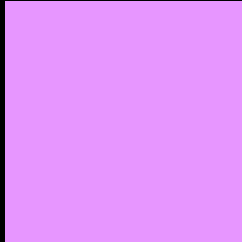
Large Text (above 18pt) WCAG AA × Fail

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 61.9113, 46.0216, 100.2277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

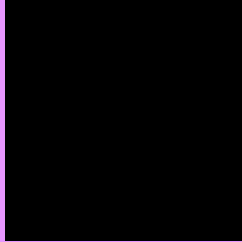
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9113, 46.0216, 100.2277

Background



This preview shows how black text looks on a background with the XYZ color 61.9113, 46.0216, 100.2277.



This preview shows how white text looks on a background with the XYZ color 61.9113, 46.0216,

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

61.9113, 46.0216, 100.2277

Protanopia

47.8804, 46.5281, 101.0650

Deuteranopia

47.6735, 46.5133, 96.9078



Tritanopia

51.2881, 45.7428, 48.7739

Trichromacy



Original Color

61.9113, 46.0216, 100.2277



Protanomaly

51.5811, 45.2925, 100.6315



Deuteranomaly

51.5809, 45.3478, 98.1299

Tritanomaly

54.5738, 45.4939, 64.9363

Monochromacy



Original Color

61.9113, 46.0216, 100.2277



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.0586, 47.1468, 68.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9113, 46.0216, 100.2277 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(231, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 150, 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(231, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 150, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9113, 46.0216, 100.2277 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(231, 150, 255) }
```


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

```
.border{ border-color:rgb(231, 150, 255) }
```

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

Here you see how a box with a 4 pixel rgb(231, 150, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 150,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9113, 46.0216, 100.2277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 150, 255) }
```

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

```
.background{ background-color: rgb(231,  
150, 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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