

Converting Colors

XYZ(76.8060, 52.2466,
181.0188)

Have a look what the booklet for
XYZ(76.8060, 52.2466, 181.0188)
contains.

XYZ(61.4297, 46.0112, 100.2511)	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(61.4297, 46.0112,
100.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	E597FF
RGB	229, 151, 255
RGB Percent	90%, 59%, 100%
CMY	0.1020, 0.4078, 0.0000
CMYK	0.10, 0.41, 0.00, 0.00
HSL	285°, 100%, 80%
HSV	285°, 41%, 100%
XYZ	61.4297, 46.0112, 100.2511
YIQ	186.1780, 13.1040, 48.8800

Conversions

Conversions Part 2

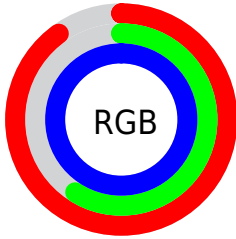
Format	Color
R _Y B	229, 151, 255
Decimal	15046655
CIE Lab	73.55, 46.29, -40.17
CIE LCh	74, 61.291, 319.054
Yxy	46.0112, 0.2958, 0.2215
Android (android.graphics.Color)	4293236735 (0xFFE597FF)
YUV	186.1780, 33.9292, 37.5549
Hunter-Lab	67.8316, 42.9482, -40.1451

Details

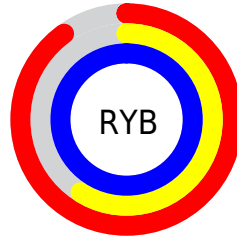
The XYZ color **61.4297, 46.0112, 100.2511** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.4783, 83.1019, 42.1856**, and the grayscale version is **46.5839, 49.0099, 53.3718**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **31.5740, 21.5832, 55.9279** is the 20% darker color. If you saturate the color by 10%, you get **55.7644, 37.6442, 98.9347**, and if you desaturate by 10%, it is **68.0600, 56.1953, 101.8674**.

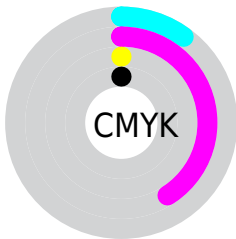
Distribution



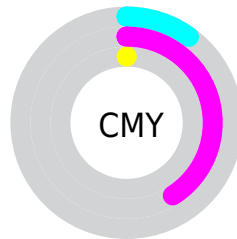
- Red (90%)
- Green (59%)
- Blue (100%)



- Red (90%)
- Yellow (59%)
- Blue (100%)



- Cyan (10%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4297, 46.0112, 100.2511 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 61.4297, 46.0112, 100.2511 by changing the saturation by 10% instead.


 61.4297, 46.0112,
100.2511

 61.4297, 46.0112,
100.2511


419.5986,
370.8537, 582.2510

 44.8259, 32.2547,
75.8922

 105.9955, 84.2358,
163.5571

 31.5210, 21.5561,
55.8380

 134.6881,
109.4726, 203.3413

 21.1497, 13.5311,
39.6699

168.1411,
139.3049, 249.1043

 13.3465, 7.7953,
26.9695

206.7198,
174.1172, 301.2647

 7.7462, 3.9642,
17.3180

250.7895,
214.2938, 360.2410

 3.9834, 1.6536,
10.2972

300.7157,

 1.6928, 0.3933,

260.2192, 426.4518

5.4883

356.8636,
312.2777, 500.3156

■ 0.4517, 0.0000,
2.4728

■ 0.0000, 0.0000,
0.8257

■ 61.4297, 46.0112,
100.2511

■ 61.4297, 46.0112,
100.2511

■ 55.7644, 37.6442,
98.9347

■ 68.0600, 56.1953,
101.8674

■ 51.0012, 30.9727,
97.8980

■ 75.7044, 68.2966,
103.8002

■ 47.0762, 25.8689,
97.1198

■ 84.4136, 82.4142,
106.0662

■ 43.9144, 22.1843,
96.5752

■ 94.2335, 98.6390,
108.6803

■ 41.4261, 19.7407, 95.0500, 100.0000,
96.2347 108.9000

■ 39.5994, 18.3291,
96.0585

Harmonies

Analogous

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



50.8915, 46.0112, 130.2965



61.4297, 46.0112, 100.2511



67.5394, 46.0112, 62.3029

Triad

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



61.4297, 46.0112, 100.2511



47.8085, 46.0112, 11.3861



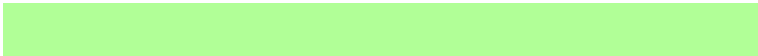
26.8490, 46.0112, 72.2079

Complementary

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



61.4297, 46.0112, 100.2511



59.4783, 83.1019, 42.1856

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.



26.3022, 46.0112, 39.6018



61.4297, 46.0112, 100.2511



37.2780, 46.0112, 12.2186

Square

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



61.4297, 46.0112, 100.2511



58.8545, 46.0112, 17.1960



29.8091, 46.0112, 20.2888



31.4514, 46.0112, 110.0238

Rectangle

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



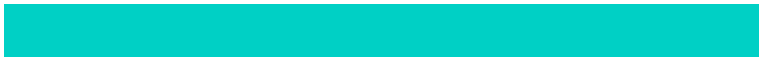
61.4297, 46.0112, 100.2511



67.6992, 46.0112, 41.2844



29.8091, 46.0112, 20.2888



26.2171, 46.0112, 60.0852

Sweetspot

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



61.4312, 46.0131, 100.2514



83.2947, 80.5845, 105.7720



46.5362, 45.2454, 100.8883



17.5755, 16.8356, 22.5732



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.



61.4312, 46.0131, 100.2514



56.7066, 39.0081, 99.1483



66.4504, 49.0519, 80.0952



18.3231, 18.0583, 22.7698



20.8354, 9.6515, 50.1994



2.1284, 0.9912, 4.8924

Inverse Universe

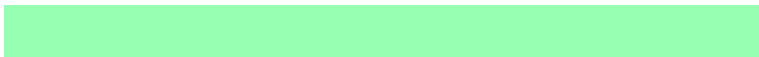
The Inverse Universe completely reimagines the original color for something new.



60.2434, 46.5691, 47.4098



55.6876, 39.8219, 38.6021



56.4595, 81.2742, 54.3086



18.1956, 18.0616, 19.6473



22.0784, 11.3206, 3.7973



2.1912, 1.1188, 0.5882

Previews

White Background



This preview shows how the XYZ color 61.4297, 46.0112, 100.2511 looks on a white background.

Color Contrast Check

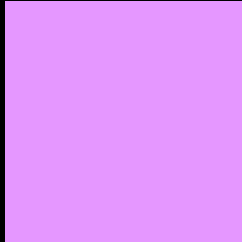
Large Text (above 18pt) WCAG AA × Fail

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 61.4297, 46.0112, 100.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

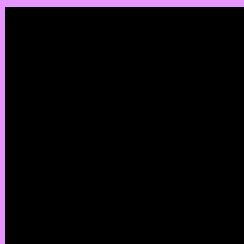
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4297, 46.0112, 100.2511

Background



This preview shows how black text looks on a background with the XYZ color 61.4297, 46.0112, 100.2511.



This preview shows how white text looks on a background with the XYZ color 61.4297, 46.0112,

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

61.4297, 46.0112, 100.2511

Protanopia

47.8804, 46.5281, 101.0650

Deuteranopia

47.6735, 46.5133, 96.9078



Tritanopia

50.9704, 45.8381, 49.3412

Trichromacy



Original Color

61.4297, 46.0112, 100.2511



Protanomaly

51.7664, 45.6632, 100.6932



Deuteranomaly

51.5258, 45.5946, 98.1804

Tritanomaly

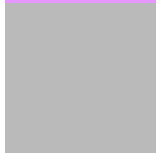
54.1316, 45.5243, 64.9655

Monochromacy



Original Color

61.4297, 46.0112, 100.2511



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 61.4297, 46.0112, 100.2511 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(229, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 151, 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(229, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4297, 46.0112, 100.2511 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(229, 151, 255) }
```


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

```
.border{ border-color:rgb(229, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4297, 46.0112, 100.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 151, 255) }
```

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

```
.background{ background-color: rgb(229,  
151, 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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