

Converting Colors

XYZ(61.2899, 46.4211,
100.3376)

Have a look what the booklet for
XYZ(61.2899, 46.4211, 100.3376)
contains.

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Color

**XYZ(61.4361, 46.4964,
100.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	E499FF
RGB	228, 153, 255
RGB Percent	89%, 60%, 100%
CMY	0.1059, 0.4000, 0.0000
CMYK	0.11, 0.40, 0.00, 0.00
HSL	284°, 100%, 80%
HSV	284°, 40%, 100%
XYZ	61.4361, 46.4964, 100.3444
YIQ	187.0530, 11.9580, 47.6220

Conversions

Conversions Part 2

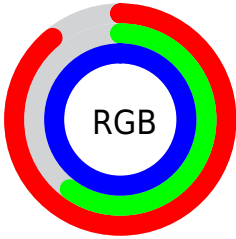
Format	Color
R_{YB}	228, 153, 255
Decimal	14981631
CIE _{Lab}	73.87, 44.96, -39.69
CIE _{LCh}	74, 59.969, 318.563
Yxy	46.4964, 0.2950, 0.2232
Android (android.graphics.Color)	4293171711 (0xFFE499FF)
YUV	187.0530, 33.4979, 35.9105
Hunter-Lab	68.1883, 41.4950, -39.5181

Details

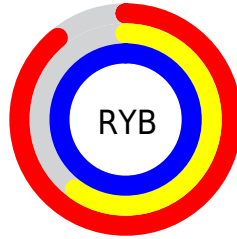
The XYZ color **61.4361, 46.4964, 100.3444** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.3331, 83.5237, 43.0808**, and the grayscale version is **47.0776, 49.5293, 53.9375**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **31.5448, 21.8495, 55.9809** is the 20% darker color. If you saturate the color by 10%, you get **55.6004, 37.9412, 99.0007**, and if you desaturate by 10%, it is **68.2501, 56.8819, 101.9899**.

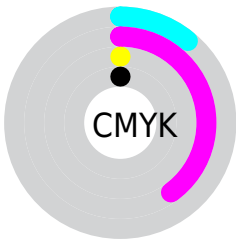
Distribution



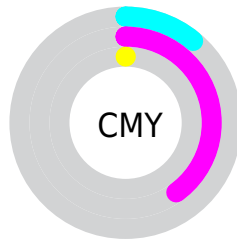
- Red (89%)
- Green (60%)
- Blue (100%)



- Red (89%)
- Yellow (60%)
- Blue (100%)



- Cyan (11%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4361, 46.4964, 100.3444 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 61.4361, 46.4964, 100.3444 by changing the saturation by 10% instead.


 61.4361, 46.4964,
100.3444


 61.4361, 46.4964,
100.3444


419.6216,
372.8008, 582.5524

 44.8311, 32.6377,
75.9697

 106.0047, 84.9614,
163.6864

 31.5251, 21.8491,
55.9012


 134.6989,
110.3365, 203.4908

 21.1528, 13.7460,
39.7202

168.1536,
140.3193, 249.2754

 13.3488, 7.9442,
27.0083

206.7342,
175.2940, 301.4590

 7.7479, 4.0593,
17.3470

250.8059,
215.6451, 360.4599

 3.9845, 1.7068,
10.3176

300.7341,

 1.6934, 0.4280,

261.7570, 426.6967

5.5017

356.8842,
314.0141, 500.5881

■ 0.4521, 0.0000,
2.4807

■ 0.0000, 0.0000,
0.8299

■ 61.4361, 46.4964,
100.3444

■ 61.4361, 46.4964,
100.3444

■ 55.6004, 37.9412,
99.0007

■ 68.2501, 56.8819,
101.9899

■ 50.6803, 31.0955,
97.9386

■ 76.0911, 69.1971,
103.9537

■ 46.6123, 25.8328,
97.1372

■ 85.0098, 83.5408,
106.2522

■ 43.3222, 22.0060,
96.5720

95.0500, 100.0000,
108.9000

■ 40.7217, 19.4399,
96.2137

■ 38.6670, 17.8485,
96.0149

■ 38.6666, 17.8482,
96.0148

Harmonies

Analogous

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



51.0550, 46.4964, 129.2979



61.4361, 46.4964, 100.3444



67.5185, 46.4964, 63.2001

Triad

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



61.4361, 46.4964, 100.3444



48.3896, 46.4964, 12.1036



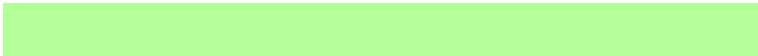
27.4518, 46.4964, 71.7408

Complementary

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



61.4361, 46.4964, 100.3444



60.3331, 83.5237, 43.0808

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.



26.9738, 46.4964, 39.8423



61.4361, 46.4964, 100.3444



37.9759, 46.4964, 12.8467

Square

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



61.4361, 46.4964, 100.3444



59.2163, 46.4964, 18.1078



30.5226, 46.4964, 20.8379



31.9540, 46.4964, 108.7194

Rectangle

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



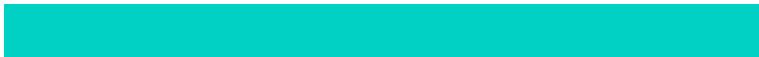
61.4361, 46.4964, 100.3444



67.7558, 46.4964, 42.3686



30.5226, 46.4964, 20.8379



26.8454, 46.4964, 59.8936

Sweetspot

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



61.4376, 46.4983, 100.3447



83.1359, 80.5026, 105.7646



47.5501, 46.7175, 101.1190



17.5379, 16.8162, 22.5715



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.



61.4376, 46.4983, 100.3447



56.6915, 39.5104, 99.2460



67.0842, 49.8249, 81.8317



18.2960, 18.0443, 22.7685



20.3526, 9.4027, 50.1768



2.0849, 0.9687, 4.8904

Inverse Universe

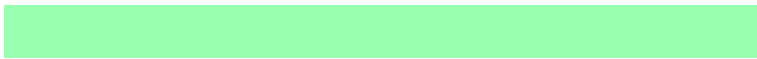
The Inverse Universe completely reimagines the original color for something new.



60.8705, 47.3394, 49.1106



56.3643, 40.6423, 40.4708



56.8140, 81.4593, 54.2212



18.2068, 18.0660, 19.7060



22.1381, 11.3445, 4.1115



2.1983, 1.1217, 0.6258

Previews

White Background



This preview shows how the XYZ color 61.4361, 46.4964, 100.3444 looks on a white background.

Color Contrast Check

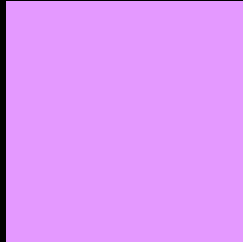
Large Text (above 18pt) WCAG AA × Fail

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 61.4361, 46.4964, 100.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

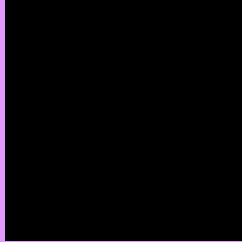
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4361, 46.4964, 100.3444

Background



This preview shows how black text looks on a background with the XYZ color 61.4361, 46.4964, 100.3444.



This preview shows how white text looks on a background with the XYZ color 61.4361, 46.4964,

100.3444.

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

61.4361, 46.4964, 100.3444

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

47.8726, 46.6159, 96.9171



Tritanopia

51.2467, 46.5050, 50.5313

Trichromacy



Original Color

61.4361, 46.4964, 100.3444



Protanomaly

51.9532, 46.0367, 100.7555



Deuteranomaly

51.9530, 46.0920, 98.2539

Tritanomaly

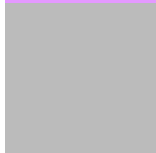
54.4246, 46.1700, 66.3648

Monochromacy



Original Color

61.4361, 46.4964, 100.3444



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.5708, 47.9700, 68.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4361, 46.4964, 100.3444 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, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 153, 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, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4361, 46.4964, 100.3444 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, 153, 255) }
```


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

```
.border{ border-color:rgb(228, 153, 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, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4361, 46.4964, 100.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 153, 255) }
```

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

```
.background{ background-color: rgb(228,  
153, 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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