

Converting Colors

XYZ(60.8322, 46.1913,
100.2946)

Have a look what the booklet for
XYZ(60.8322, 46.1913, 100.2946)
contains.

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Color

**XYZ(60.8053, 46.1712,
100.3149)**

Conversions

Conversions Part 1

Format	Color
Hex	E299FF
RGB	226, 153, 255
RGB Percent	89%, 60%, 100%
CMY	0.1137, 0.4000, 0.0000
CMYK	0.11, 0.40, 0.00, 0.00
HSL	283°, 100%, 80%
HSV	283°, 40%, 100%
XYZ	60.8053, 46.1712, 100.3149
YIQ	186.4550, 10.7660, 47.1980

Conversions

Conversions Part 2

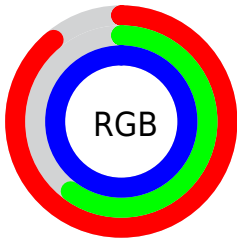
Format	Color
RYB	226, 153, 255
Decimal	14850559
CIELab	73.66, 44.38, -40.03
CIElCh	74, 59.765, 317.949
Yxy	46.1712, 0.2933, 0.2227
Android (android.graphics.Color)	4293040639 (0xFFE299FF)
YUV	186.4550, 33.7927, 34.6810
Hunter-Lab	67.9494, 40.8214, -39.9663

Details

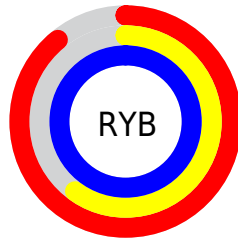
The XYZ color **60.8053, 46.1712, 100.3149** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.8020, 83.7654, 43.1027**, and the grayscale version is **46.7407, 49.1748, 53.5514**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **31.1124, 21.6266, 55.9606** is the 20% darker color. If you saturate the color by 10%, you get **54.8438, 37.5511, 98.9653**, and if you desaturate by 10%, it is **67.7576, 56.6280, 101.9668**.

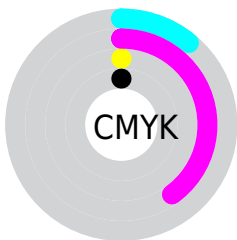
Distribution



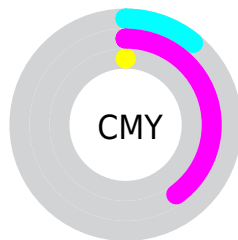
- Red (89%)
- Green (60%)
- Blue (100%)



- 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 60.8053, 46.1712, 100.3149 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 60.8053, 46.1712, 100.3149 by changing the saturation by 10% instead.


 60.8053, 46.1712,
100.3149


 60.8053, 46.1712,
100.3149


417.3471,
371.4965, 582.4571

 44.3200, 32.3809,
75.9452


 105.0967, 84.4752,
163.6455

 31.1211, 21.6526,
55.8812

 133.6335,
109.7576, 203.4435

 20.8434, 13.6019,
39.7043


166.9182,
139.6397, 249.2213

 13.1214, 7.8443,
26.9960

205.3161,
174.5056, 301.3976

 7.5898, 3.9955,
17.3378

249.1925,
214.7399, 360.3907

 3.8832, 1.6710,
10.3112

298.9130,

 1.6363, 0.4048,

260.7268, 426.6193

5.4975

354.8427,
312.8509, 500.5019

■ 0.4159, 0.0000,
2.4782

■ 0.0000, 0.0000,
0.8286

■ 60.8053, 46.1712,
100.3149

■ 60.8053, 46.1712,
100.3149

■ 54.8438, 37.5511,
98.9653

■ 67.7576, 56.6280,
101.9668

■ 49.8101, 30.6469,
97.8979

■ 75.7497, 69.0211,
103.9377

■ 45.6407, 25.3319,
97.0918

■ 84.8325, 83.4493,
106.2439

■ 42.2609, 21.4588,
96.5223

95.0500, 100.0000,
108.9000

■ 39.5823, 18.8525,
96.1604

■ 37.4607, 17.2267,
95.9584

■ 37.4604, 17.2264,
95.9584

Harmonies

Analogous

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



50.4625, 46.1712, 128.6492



60.8053, 46.1712, 100.3149



66.9590, 46.1712, 63.4559

Triad

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



60.8053, 46.1712, 100.3149



48.2739, 46.1712, 12.0916



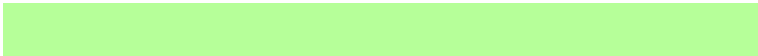
27.2250, 46.1712, 70.4679

Complementary

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



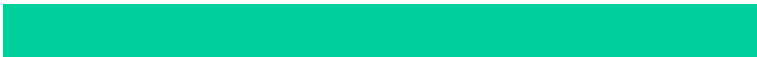
60.8053, 46.1712, 100.3149



60.8020, 83.7654, 43.1027

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.



26.8325, 46.1712, 39.0547



60.8053, 46.1712, 100.3149



37.9042, 46.1712, 12.7022

Square

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



60.8053, 46.1712, 100.3149



58.9828, 46.1712, 18.2154



30.4356, 46.1712, 20.4578



31.6111, 46.1712, 107.1903

Rectangle

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



60.8053, 46.1712, 100.3149



67.2950, 46.1712, 42.6323



30.4356, 46.1712, 20.4578



26.6506, 46.1712, 58.7751

Sweetspot

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



60.8068, 46.1731, 100.3152



82.9248, 80.3938, 105.7547



48.2459, 48.1091, 101.3509



17.4881, 16.7905, 22.5691



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.



60.8068, 46.1731, 100.3152



55.9590, 39.1328, 99.2118



67.5698, 50.0191, 84.3886



18.2599, 18.0257, 22.7669



19.7279, 9.0806, 50.1475



2.0282, 0.9395, 4.8877

Inverse Universe

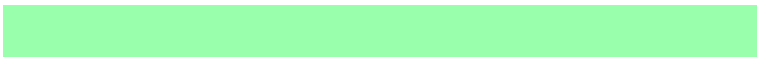
The Inverse Universe completely reimagines the original color for something new.



61.0757, 47.4214, 50.1913



56.5848, 40.7305, 41.6322



56.4797, 81.3255, 52.4609



18.2217, 18.0720, 19.7844



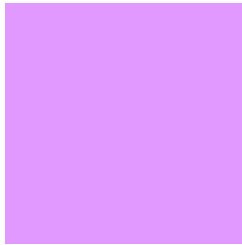
22.2234, 11.3787, 4.5611



2.2083, 1.1257, 0.6785

Previews

White Background



This preview shows how the XYZ color 60.8053, 46.1712, 100.3149 looks on a white background.

Color Contrast Check

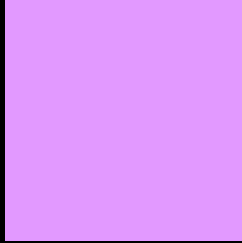
Large Text (above 18pt) WCAG AA × Fail

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 60.8053, 46.1712, 100.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

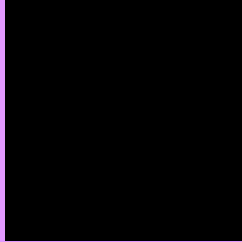
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8053, 46.1712, 100.3149

Background



This preview shows how black text looks on a background with the XYZ color 60.8053, 46.1712, 100.3149.



This preview shows how white text looks on a background with the XYZ color 60.8053, 46.1712,

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

60.8053, 46.1712, 100.3149

Protanopia

48.0747, 46.6283, 101.0741

Deuteranopia

47.6735, 46.5133, 96.9078



Tritanopia

50.6558, 46.2004, 50.5037

Trichromacy



Original Color

60.8053, 46.1712, 100.3149



Protanomaly

51.7161, 45.9145, 100.7444



Deuteranomaly

51.4739, 45.8450, 98.2315



Tritanomaly

53.8192, 45.8579, 66.3365

Monochromacy



Original Color

60.8053, 46.1712, 100.3149



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.9813, 47.3928, 68.0887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8053, 46.1712, 100.3149 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(226, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.8053, 46.1712, 100.3149 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(226, 153, 255) }
```


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

```
.border{ border-color:rgb(226, 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(226, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8053, 46.1712, 100.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 153, 255) }
```

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

```
.background{ background-color: rgb(226,  
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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