

Converting Colors

XYZ(59.7410, 44.9046,
100.1265)

Have a look what the booklet for
XYZ(59.7410, 44.9046, 100.1265)
contains.

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Color

**XYZ(59.6968, 44.8800,
100.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	E096FF
RGB	224, 150, 255
RGB Percent	88%, 59%, 100%
CMY	0.1216, 0.4117, 0.0000
CMYK	0.12, 0.41, 0.00, 0.00
HSL	282°, 100%, 79%
HSV	282°, 41%, 100%
XYZ	59.6968, 44.8800, 100.1241
YIQ	184.0960, 10.3990, 48.3430

Conversions

Conversions Part 2

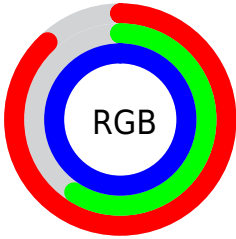
Format	Color
R_{YB}	224, 150, 255
Decimal	14718719
CIE _{Lab}	72.81, 45.38, -41.36
CIE _{LCh}	73, 61.401, 317.653
Yxy	44.8800, 0.2916, 0.2192
Android (android.graphics.Color)	4292908799 (0xFFE096FF)
YUV	184.0960, 34.9557, 34.9958
Hunter-Lab	66.9925, 41.8237, -41.7175

Details

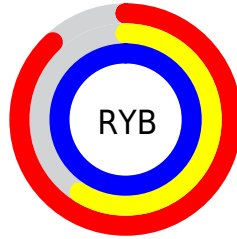
The XYZ color **59.6968, 44.8800, 100.1241** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.3220, 83.5462, 41.8029**, and the grayscale version is **45.4233, 47.7889, 52.0421**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **30.4041, 20.8421, 55.8465** is the 20% darker color. If you saturate the color by 10%, you get **53.7802, 36.4333, 98.8056**, and if you desaturate by 10%, it is **66.6049, 55.1541, 101.7431**.

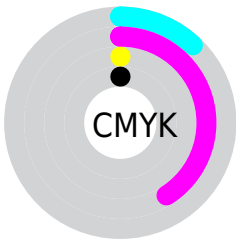
Distribution



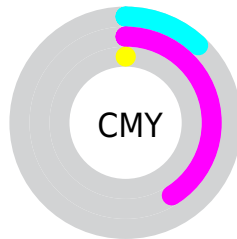
- Red (88%)
- Green (59%)
- Blue (100%)



- Red (88%)
- Yellow (59%)
- Blue (100%)



- Cyan (12%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6968, 44.8800, 100.1241 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 59.6968, 44.8800, 100.1241 by changing the saturation by 10% instead.


 59.6968, 44.8800,
100.1241


 59.6968, 44.8800,
100.1241


413.3320,
366.2873, 581.8406

 43.4228, 31.3629,
75.7867

 103.4986, 82.5403,
163.3811

 30.4130, 20.8754,
55.7520


 131.7571,
107.4523, 203.1378

 20.3019, 13.0329,
39.6015


164.7411,
136.9314, 248.8713

 12.7242, 7.4512,
26.9165

202.8160,
171.3621, 301.0002

 7.3146, 3.7459,
17.2787

246.3472,
211.1286, 359.9430

 3.7077, 1.5324,
10.2693

295.7001,

 1.5381, 0.3114,

256.6153, 426.1184

5.4700

351.2398,
308.2068, 499.9447

■ 0.3516, 0.0000,
2.4620

■ 0.0000, 0.0000,
0.8199

■ 59.6968, 44.8800,
100.1241

■ 59.6968, 44.8800,
100.1241

■ 53.7802, 36.4333,
98.8056

■ 66.6049, 55.1541,
101.7431

■ 48.7913, 29.6919,
97.7673

■ 74.5542, 67.3565,
103.6794

■ 44.6655, 24.5271,
96.9878

■ 83.5962, 81.5868,
105.9496

■ 41.3267, 20.7889,
96.4422

■ 93.7773, 97.9364,
108.5688

■ 38.6840, 18.2976, 95.0500, 100.0000,
96.1007 108.9000

■ 36.8064, 16.8893,
95.9278

Harmonies

Analogous

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



49.1893, 44.8800, 129.0135



59.6968, 44.8800, 100.1241



66.0141, 44.8800, 62.5452

Triad

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



59.6968, 44.8800, 100.1241



47.1984, 44.8800, 10.9987



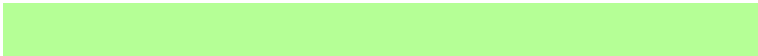
25.9349, 44.8800, 68.9489

Complementary

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



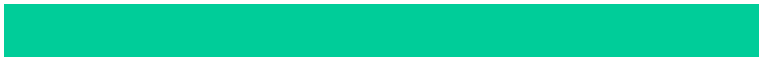
59.6968, 44.8800, 100.1241



60.3220, 83.5462, 41.8029

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.



25.5836, 44.8800, 37.3437



59.6968, 44.8800, 100.1241



36.7304, 44.8800, 11.5281

Square

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



59.6968, 44.8800, 100.1241



58.0314, 44.8800, 17.0240



29.2141, 44.8800, 19.0013



30.2706, 44.8800, 106.4611

Rectangle

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



59.6968, 44.8800, 100.1241



66.4054, 44.8800, 41.4487



29.2141, 44.8800, 19.0013



25.3765, 44.8800, 57.1209

Sweetspot

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



59.6982, 44.8818, 100.1244



82.8074, 80.3332, 105.7492



47.2549, 46.9573, 101.1808



17.4603, 16.7763, 22.5678



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.



59.6982, 44.8818, 100.1244



54.9859, 38.1211, 99.0678



66.9985, 49.0148, 83.7722



18.2398, 18.0153, 22.7659



19.3890, 8.9059, 50.1317



1.9974, 0.9236, 4.8863

Inverse Universe

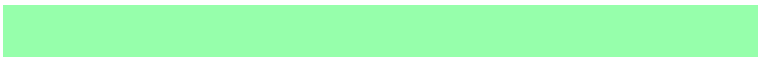
The Inverse Universe completely reimagines the original color for something new.



60.4878, 46.4105, 49.4875



56.1987, 40.0263, 41.2936



55.6896, 80.9449, 51.2187



18.2300, 18.0753, 19.8282



22.2740, 11.3989, 4.8272



2.2141, 1.1280, 0.7091

Previews

White Background



This preview shows how the XYZ color 59.6968, 44.8800, 100.1241 looks on a white background.

Color Contrast Check

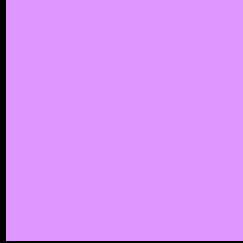
Large Text (above 18pt) WCAG AA × Fail

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 59.6968, 44.8800, 100.1241 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 59.6968, 44.8800, 100.1241

Background



This preview shows how black text looks on a background with the XYZ color 59.6968, 44.8800, 100.1241.



This preview shows how white text looks on a background with the XYZ color 59.6968, 44.8800,

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

59.6968, 44.8800, 100.1241

Protanopia

46.9090, 45.4366, 100.9055

Deuteranopia

46.4950, 45.3150, 96.7386



Tritanopia

49.2135, 44.6732, 48.6768

Trichromacy



Original Color

59.6968, 44.8800, 100.1241



Protanomaly

50.4591, 44.4411, 100.5263



Deuteranomaly

50.2118, 44.3690, 98.0131

Tritanomaly

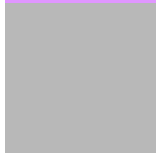
52.4486, 44.3983, 64.8369

Monochromacy



Original Color

59.6968, 44.8800, 100.1241



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.9386, 46.3003, 67.2776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6968, 44.8800, 100.1241 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(224, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 150, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.6968, 44.8800, 100.1241 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(224, 150, 255) }
```


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

```
.border{ border-color:rgb(224, 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(224, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 150,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6968, 44.8800, 100.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 150, 255) }
```

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

```
.background{ background-color: rgb(224,  
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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