

Converting Colors

XYZ(75.1545, 50.7673,
174.7765)

Have a look what the booklet for
XYZ(75.1545, 50.7673, 174.7765)
contains.

XYZ(60.9530, 45.0578, 100.0922)	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(60.9530, 45.0578,
100.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	E594FF
RGB	229, 148, 255
RGB Percent	90%, 58%, 100%
CMY	0.1020, 0.4196, 0.0000
CMYK	0.10, 0.42, 0.00, 0.00
HSL	285°, 100%, 79%
HSV	285°, 42%, 100%
XYZ	60.9530, 45.0578, 100.0922
YIQ	184.4170, 13.9290, 50.4490

Conversions

Conversions Part 2

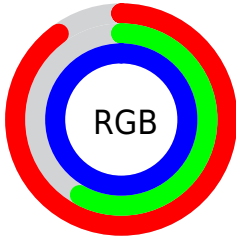
Format	Color
R _Y B	229, 148, 255
Decimal	15045887
CIE Lab	72.93, 47.86, -41.14
CIE LCh	73, 63.109, 319.318
Yxy	45.0578, 0.2957, 0.2186
Android (android.graphics.Color)	4293235967 (0xFFE594FF)
YUV	184.4170, 34.7974, 39.0993
Hunter-Lab	67.1251, 44.6181, -41.4215

Details

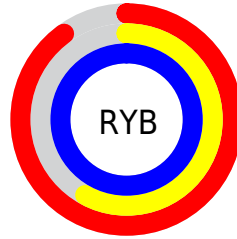
The XYZ color **60.9530, 45.0578, 100.0922** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.5618, 82.6572, 40.8868**, and the grayscale version is **45.5999, 47.9747, 52.2444**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **31.2985, 21.0323, 55.8361** is the 20% darker color. If you saturate the color by 10%, you get **55.4434, 36.9205, 98.8119**, and if you desaturate by 10%, it is **67.4170, 54.9970, 101.6700**.

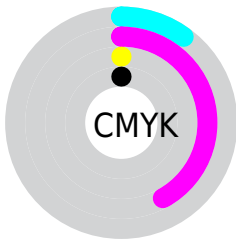
Distribution



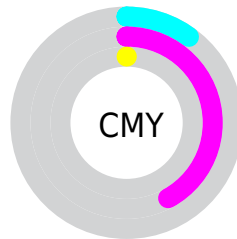
- Red (90%)
- Green (58%)
- Blue (100%)



- Red (90%)
- Yellow (58%)
- Blue (100%)



- Cyan (10%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9530, 45.0578, 100.0922 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 60.9530, 45.0578, 100.0922 by changing the saturation by 10% instead.


 60.9530, 45.0578,
100.0922


 60.9530, 45.0578,
100.0922


417.8803,
367.0076, 581.7374

 44.4396, 31.5030,
75.7602

 105.3094, 82.8071,
163.3369

 31.2157, 20.9821,
55.7304

 133.8831,
107.7704, 203.0866

 20.9158, 13.1109,
39.5843

167.2077,
137.3053, 248.8127

 13.1746, 7.5050,
26.9033

205.6484,
171.7962, 300.9338

 7.6267, 3.7799,
17.2688

249.5707,
211.6275, 359.8682

 3.9068, 1.5512,
10.2623

299.3399,

 1.6495, 0.3244,

257.1835, 426.0346

5.4654

355.3213,
308.8488, 499.8515

■ 0.4244, 0.0000,
2.4593

■ 0.0000, 0.0000,
0.8185

■ 60.9530, 45.0578,
100.0922

■ 60.9530, 45.0578,
100.0922

■ 55.4434, 36.9205,
98.8119

■ 67.4170, 54.9970,
101.6700

■ 50.8246, 30.4623,
97.8088

■ 74.8849, 66.8392,
103.5621

■ 47.0319, 25.5535,
97.0612

■ 83.4078, 80.6846,
105.7854

■ 43.9889, 22.0426,
96.5439

■ 93.0319, 96.6247,
108.3549

■ 41.6037, 19.7471, 95.0500, 100.0000,
96.2266 108.9000

■ 40.0525, 18.5627,
96.0797

Harmonies

Analogous

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



50.2116, 45.0578, 131.3095



60.9530, 45.0578, 100.0922



67.1563, 45.0578, 61.1676

Triad

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



60.9530, 45.0578, 100.0922



46.8677, 45.0578, 10.3622



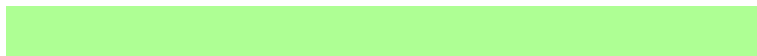
25.8053, 45.0578, 71.9532

Complementary

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



60.9530, 45.0578, 100.0922



58.5618, 82.6572, 40.8868

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.



25.2216, 45.0578, 38.6664



60.9530, 45.0578, 100.0922



36.2028, 45.0578, 11.2223

Square

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



60.9530, 45.0578, 100.0922



58.1473, 45.0578, 15.9679



28.7046, 45.0578, 19.2186



30.4645, 45.0578, 110.8311

Rectangle

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



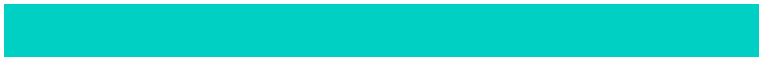
60.9530, 45.0578, 100.0922



67.2744, 45.0578, 39.8908



28.7046, 45.0578, 19.2186



25.1602, 45.0578, 59.5372

Sweetspot

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



60.9544, 45.0597, 100.0925



82.4699, 79.1471, 105.5380



45.5456, 44.0804, 100.7156



17.2347, 16.2590, 22.4799



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.



60.9544, 45.0597, 100.0925



56.4508, 38.3787, 99.0403



65.8691, 48.0567, 79.3859



18.3361, 18.0650, 22.7704



21.0698, 9.7724, 50.2103



2.1495, 1.0020, 4.8934

Inverse Universe

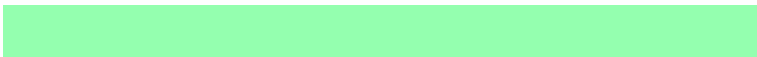
The Inverse Universe completely reimagines the original color for something new.



59.4709, 45.4974, 45.6931



55.1071, 39.0534, 37.1984



55.6873, 80.9018, 53.1112



18.1903, 18.0594, 19.6193



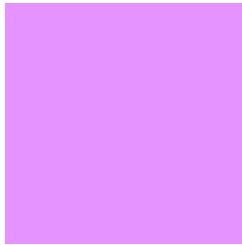
22.0513, 11.3098, 3.6544



2.1879, 1.1175, 0.5709

Previews

White Background



This preview shows how the XYZ color 60.9530, 45.0578, 100.0922 looks on a white background.

Color Contrast Check

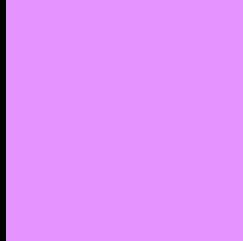
Large Text (above 18pt) WCAG AA × Fail

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 60.9530, 45.0578, 100.0922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

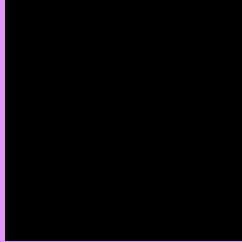
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9530, 45.0578, 100.0922

Background



This preview shows how black text looks on a background with the XYZ color 60.9530, 45.0578, 100.0922.



This preview shows how white text looks on a background with the XYZ color 60.9530, 45.0578,

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

60.9530, 45.0578, 100.0922

Protanopia

47.0986, 45.5343, 100.9144

Deuteranopia

46.5313, 45.3518, 95.9238



Tritanopia

50.4045, 45.0300, 48.1545

Trichromacy



Original Color

60.9530, 45.0578, 100.0922



Protanomaly

50.7423, 44.3162, 100.4872



Deuteranomaly

50.5772, 44.3048, 97.1527

Tritanomaly

53.6629, 44.7821, 64.2080

Monochromacy



Original Color

60.9530, 45.0578, 100.0922



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.0152, 46.0583, 67.2268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9530, 45.0578, 100.0922 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, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 148, 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, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9530, 45.0578, 100.0922 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, 148, 255) }
```


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

```
.border{ border-color:rgb(229, 148, 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, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9530, 45.0578, 100.0922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 148, 255) }
```

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

```
.background{ background-color: rgb(229,  
148, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor