

Converting Colors

XYZ(60.8306, 46.5696, 92.6263)

Have a look what the booklet for
XYZ(60.8306, 46.5696, 92.6263)
contains.

XYZ(60.8233, 46.5880, 92.9754)	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(60.8233, 46.5880,
92.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	E69AF6
RGB	230, 154, 246
RGB Percent	90%, 60%, 96%
CMY	0.0980, 0.3961, 0.0353
CMYK	0.07, 0.37, 0.00, 0.04
HSL	290°, 84%, 78%
HSV	290°, 37%, 96%
XYZ	60.8233, 46.5880, 92.9754
YIQ	187.2120, 15.7640, 44.7240

Conversions

Conversions Part 2

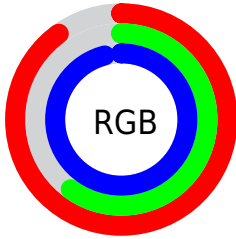
Format	Color
R _Y B	230, 154, 246
Decimal	15112950
CIE Lab	73.93, 43.26, -34.70
CIE LCh	74, 55.458, 321.267
Yxy	46.5880, 0.3035, 0.2325
Android (android.graphics.Color)	4293303030 (0xFFE69AF6)
YUV	187.2120, 28.9825, 37.5251
Hunter-Lab	68.2554, 39.6168, -32.9842

Details

The XYZ color **60.8233, 46.5880, 92.9754** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.3675, 76.7918, 42.4781**, and the grayscale version is **47.1904, 49.6480, 54.0666**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **31.0726, 21.8657, 50.7269** is the 20% darker color. If you saturate the color by 10%, you get **55.8159, 38.5854, 91.6954**, and if you desaturate by 10%, it is **66.6995, 56.2758, 94.5363**.

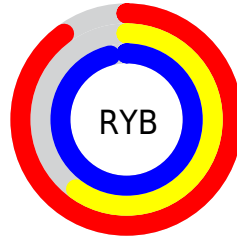
Distribution



Red (90%)

Green (60%)

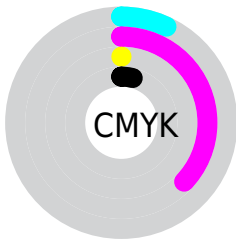
Blue (96%)



Red (90%)

Yellow (60%)

Blue (96%)

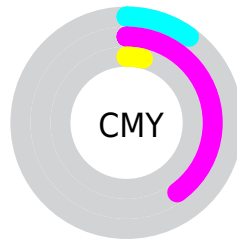


Cyan (7%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (10%)


Magenta (40%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8233, 46.5880, 92.9754 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 60.8233, 46.5880, 92.9754 by changing the saturation by 10% instead.


 60.8233, 46.5880,
92.9754


 60.8233, 46.5880,
92.9754


417.4121,
373.1676, 558.4808

 44.3346, 32.7101,
69.8635


 105.1226, 85.0983,
153.4360

 31.1327, 21.9044,
50.9391


 133.6639,
110.4995, 191.6217

 20.8522, 13.7867,
35.7838


166.9534,
140.5105, 235.6692

 13.1279, 7.9725,
23.9789

205.3566,
175.5158, 285.9969

 7.5943, 4.0773,
15.1059

249.2386,
215.8998, 343.0233

 3.8860, 1.7169,
8.7463

298.9650,

 1.6379, 0.4346,

262.0468, 407.1671

4.4815

354.9010,
314.3413, 478.8468

■ 0.4169, 0.0000,
1.8931

■ 0.0000, 0.0000,
0.4883

■ 60.8233, 46.5880,
92.9754

■ 60.8233, 46.5880,
92.9754

■ 55.8159, 38.5854,
91.6954

■ 66.6995, 56.2758,
94.5363

■ 51.6211, 32.1595,
90.6761

■ 73.4867, 67.7366,
96.3908

■ 48.1835, 27.1986,
89.8998

■ 81.2302, 81.0591,
98.5541

■ 45.4383, 23.5736,
89.3448

■ 89.9707, 96.3244,
101.0400

■ 43.3094, 21.1328,
88.9858

■ 92.3200, 98.7561,
101.3855

■ 41.6975, 19.6774,
88.7899

■ 93.6347, 99.4339,
101.4470

■ 41.3231, 19.3812,
88.7524

Harmonies

Analogous

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



51.5385, 46.5880, 120.2398



60.8233, 46.5880, 92.9754



65.8486, 46.5880, 59.4476

Triad

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



60.8233, 46.5880, 92.9754



47.2293, 46.5880, 13.7041



28.8250, 46.5880, 73.1428

Complementary

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



60.8233, 46.5880, 92.9754



55.3675, 76.7918, 42.4781

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.



28.0258, 46.5880, 42.9029



60.8233, 46.5880, 92.9754



37.7380, 46.5880, 15.0302

Square

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



60.8233, 46.5880, 92.9754



57.2690, 46.5880, 19.0105



31.0473, 46.5880, 23.7220



33.4212, 46.5880, 106.1382

Rectangle

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



60.8233, 46.5880, 92.9754



65.6585, 46.5880, 40.8168



31.0473, 46.5880, 23.7220



28.1336, 46.5880, 62.1226

Sweetspot

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



60.8249, 46.5900, 92.9764



84.9734, 82.4773, 106.0489



44.5005, 42.6014, 93.0669



17.9414, 17.2291, 22.6299



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.



60.8249, 46.5900, 92.9764



61.7402, 43.7190, 99.7923



62.0701, 47.7087, 71.4934



16.9143, 16.6140, 20.8579



22.1629, 10.3997, 47.3773



2.0206, 0.9515, 4.1674

Inverse Universe

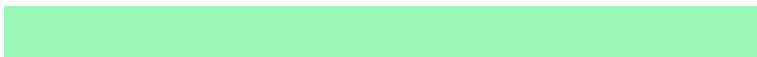
The Inverse Universe completely reimagines the original color for something new.



56.8188, 45.6082, 43.8406



57.0179, 42.6346, 38.5764



54.8449, 76.2071, 56.6933



16.6167, 16.5295, 17.7284



20.5520, 10.5642, 2.3491



1.8388, 0.9415, 0.3777

Previews

White Background



This preview shows how the XYZ color 60.8233, 46.5880, 92.9754 looks on a white background.

Color Contrast Check

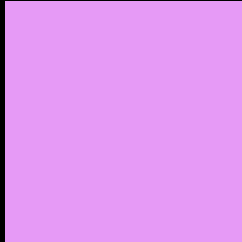
Large Text (above 18pt) WCAG AA × Fail

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 60.8233, 46.5880, 92.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

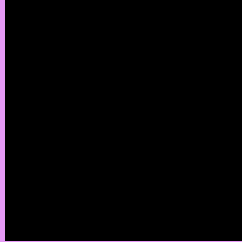
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8233, 46.5880, 92.9754

Background



This preview shows how black text looks on a background with the XYZ color 60.8233, 46.5880, 92.9754.



This preview shows how white text looks on a background with the XYZ color 60.8233, 46.5880,

92.9754.

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

60.8233, 46.5880, 92.9754

Protanopia

48.4718, 47.1316, 101.1503

Deuteranopia

47.9336, 46.8066, 89.7273



Tritanopia

52.1619, 46.7136, 49.9835

Trichromacy



Original Color

60.8233, 46.5880, 92.9754



Protanomaly

51.9008, 46.3444, 98.3054



Deuteranomaly

51.7876, 46.1677, 90.9758



Tritanomaly

54.8571, 46.4495, 63.8320

Monochromacy



Original Color

60.8233, 46.5880, 92.9754



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.3437, 47.9105, 66.2161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8233, 46.5880, 92.9754 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(230, 154, 246)` looks like.

```
.text, #text, p{  
    color:rgb(230, 154, 246)  
}
```

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(230, 154, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 154, 246) }
```

Border

The CSS property to change the border of an element to XYZ 60.8233, 46.5880, 92.9754 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(230, 154, 246) }
```


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

```
.border{ border-color:rgb(230, 154, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 154, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 154, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 154, 246);  
box-shadow:4px 4px 4px 4px rgb(230, 154,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8233, 46.5880, 92.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 154, 246) }
```

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

```
.background{ background-color: rgb(230,  
154, 246) }
```

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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