

Converting Colors

XYZ(61.9923, 46.0727, 82.7804)

Have a look what the booklet for
XYZ(61.9923, 46.0727, 82.7804)
contains.

XYZ(61.9158, 45.9402, 82.6948)	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(61.9158, 45.9402,
82.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	F294E9
RGB	242, 148, 233
RGB Percent	95%, 58%, 91%
CMY	0.0510, 0.4196, 0.0863
CMYK	0.00, 0.39, 0.04, 0.05
HSL	306°, 78%, 76%
HSV	306°, 39%, 95%
XYZ	61.9158, 45.9402, 82.6948
YIQ	185.7960, 28.7390, 46.3630

Conversions

Conversions Part 2

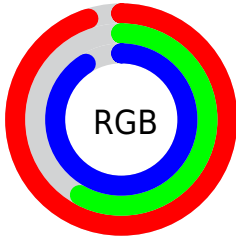
Format	Color
R _Y B	242, 148, 233
Decimal	15897833
CIE Lab	73.51, 47.63, -28.15
CIE LCh	74, 55.329, 329.414
Yxy	45.9402, 0.3249, 0.2411
Android (android.graphics.Color)	4294087913 (0xFFFF294E9)
YUV	185.7960, 23.2716, 49.2909
Hunter-Lab	67.7792, 44.4448, -24.8920

Details

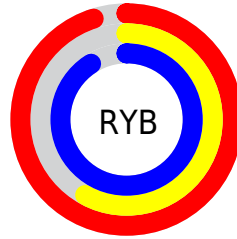
The XYZ color **61.9158, 45.9402, 82.6948** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.0526, 72.2360, 43.2059**, and the grayscale version is **46.4220, 48.8396, 53.1863**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **31.7952, 21.5491, 44.0786** is the 20% darker color. If you saturate the color by 10%, you get **58.1808, 38.9957, 79.8276**, and if you desaturate by 10%, it is **66.4515, 54.4774, 85.8513**.

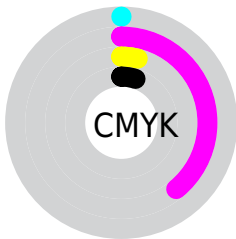
Distribution



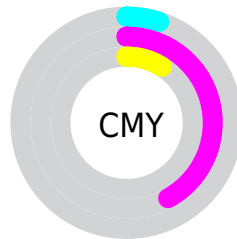
- Red (95%)
- Green (58%)
- Blue (91%)



- Red (95%)
- Yellow (58%)
- Blue (91%)



- Cyan (0%)
- Magenta (39%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9158, 45.9402, 82.6948 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 61.9158, 45.9402, 82.6948 by changing the saturation by 10% instead.

61.9158, 45.9402,
82.6948

61.9158, 45.9402,
82.6948

421.3463,
370.5682, 523.9131

45.2200, 32.1986,
61.3993

106.6945, 84.1295,
138.9933

31.8328, 21.5133,
44.1148

135.5080,
109.3460, 174.8334

21.3887, 13.4997,
30.4229

169.0916,
139.1563, 216.3587

13.5225, 7.7735,
19.9051

207.8104,
173.9448, 263.9879

7.8688, 3.9504,
12.1427

252.0300,
214.0958, 318.1393

4.0622, 1.6458,
6.7172

302.1156,

1.7374, 0.3882,

259.9938, 379.2317

3.2101

358.4326,
312.0231, 447.6834

■ 0.4795, 0.0000,
1.2029

■ 0.0000, 0.0000,
0.0000

■ 61.9158, 45.9402,
82.6948

■ 61.9158, 45.9402,
82.6948

■ 58.1808, 38.9957,
79.8276

■ 66.4515, 54.4774,
85.8513

■ 55.1923, 33.5381,
77.2302

■ 71.8291, 64.6923,
89.3094

■ 52.8963, 29.4584,
74.8849

■ 78.0921, 76.6710,
93.0843

■ 51.2294, 26.6304,
72.7705

■ 85.2798, 90.4920,
97.1891

50.1169, 24.9042,
70.8620

88.7969, 96.9649,
100.0921

49.4478, 24.0580,
69.1224

89.1522, 97.1070,
101.9631

49.3820, 23.9829,
68.9261

89.5119, 97.2509,
103.8575

89.8761, 97.3966,
105.7753

90.2448, 97.5440,
107.7168

Harmonies

Analogous

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



53.5560, 45.9402, 113.0479



61.9158, 45.9402, 82.6948



65.2724, 45.9402, 50.5732

Triad

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



61.9158, 45.9402, 82.6948



43.8572, 45.9402, 13.2046



29.2596, 45.9402, 81.3697

Complementary

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



61.9158, 45.9402, 82.6948



50.0526, 72.2360, 43.2059

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.



27.4448, 45.9402, 49.4729



61.9158, 45.9402, 82.6948



35.0732, 45.9402, 16.2679

Square

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



61.9158, 45.9402, 82.6948



53.9381, 45.9402, 16.5294



29.4069, 45.9402, 27.3356



34.7865, 45.9402, 112.1031

Rectangle

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



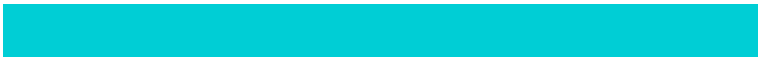
61.9158, 45.9402, 82.6948



63.8871, 45.9402, 34.1843



29.4069, 45.9402, 27.3356



28.2353, 45.9402, 70.1203

Sweetspot

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



61.9173, 45.9423, 82.6958



85.5851, 81.8193, 103.4354



40.2971, 34.6442, 88.5686



18.1177, 17.1280, 22.0191



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.



61.9173, 45.9423, 82.6958



66.1818, 45.1326, 90.4327



56.1971, 43.6542, 52.5736



16.3852, 16.0038, 19.5846



26.5562, 12.8949, 37.1751



2.2280, 1.0803, 3.1917

Inverse Universe

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



61.9173, 45.9423, 82.6958



66.1818, 45.1326, 90.4327



54.7263, 74.1055, 67.8172



16.3852, 16.0038, 19.5846



26.5562, 12.8949, 37.1751



2.2280, 1.0803, 3.1917

Previews

White Background



This preview shows how the XYZ color 61.9158, 45.9402, 82.6948 looks on a white background.

Color Contrast Check

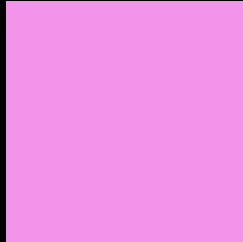
Large Text (above 18pt) WCAG AA × Fail

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 61.9158, 45.9402, 82.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

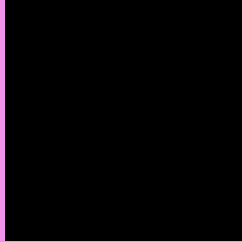
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9158, 45.9402, 82.6948

Background



This preview shows how black text looks on a background with the XYZ color 61.9158, 45.9402, 82.6948.



This preview shows how white text looks on a background with the XYZ color 61.9158, 45.9402,

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

61.9158, 45.9402, 82.6948

Protanopia

47.8750, 46.2289, 101.0075

Deuteranopia

47.1813, 46.0444, 79.7995



Tritanopia

54.0453, 45.6512, 45.4982

Trichromacy



Original Color

61.9158, 45.9402, 82.6948



Protanomaly

51.3463, 45.0442, 93.9838



Deuteranomaly

51.4723, 45.1277, 80.8605



Tritanomaly

56.6638, 45.7216, 57.4684

Monochromacy



Original Color

61.9158, 45.9402, 82.6948



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.9856, 46.9387, 62.8727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9158, 45.9402, 82.6948 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(242, 148, 233)` looks like.

```
.text, #text, p{  
    color:rgb(242, 148, 233)  
}
```

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(242, 148, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 148, 233) }
```

Border

The CSS property to change the border of an element to XYZ 61.9158, 45.9402, 82.6948 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(242, 148, 233) }
```


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

```
.border{ border-color:rgb(242, 148, 233) }
```

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

Here you see how a box with a 4 pixel rgb(242, 148, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 148, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 148, 233);  
box-shadow:4px 4px 4px 4px rgb(242, 148,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9158, 45.9402, 82.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 148, 233) }
```

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

```
.background{ background-color: rgb(242,  
148, 233) }
```

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