

Converting Colors

XYZ(61.5188, 45.1457, 82.1451)

Have a look what the booklet for
XYZ(61.5188, 45.1457, 82.1451)
contains.

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Color

**XYZ(61.3088, 44.9542,
81.7896)**

Conversions

Conversions Part 1

Format	Color
Hex	F291E8
RGB	242, 145, 232
RGB Percent	95%, 57%, 91%
CMY	0.0510, 0.4314, 0.0902
CMYK	0.00, 0.40, 0.04, 0.05
HSL	306°, 79%, 76%
HSV	306°, 40%, 95%
XYZ	61.3088, 44.9542, 81.7896
YIQ	183.9210, 29.8850, 47.6210

Conversions

Conversions Part 2

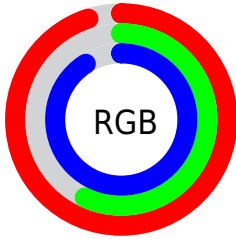
Format	Color
R _Y B	242, 145, 232
Decimal	15897064
CIE Lab	72.86, 48.99, -28.60
CIE LCh	73, 56.725, 329.727
Yxy	44.9542, 0.3260, 0.2391
Android (android.graphics.Color)	4294087144 (0xFFFF291E8)
YUV	183.9210, 23.7029, 50.9353
Hunter-Lab	67.0479, 45.8871, -25.3925

Details

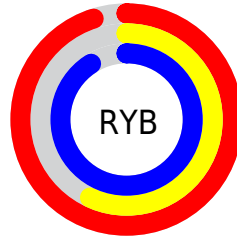
The XYZ color **61.3088, 44.9542, 81.7896** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.3475, 71.8921, 42.2887**, and the grayscale version is **45.3795, 47.7427, 51.9918**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **31.4308, 20.9792, 43.4671** is the 20% darker color. If you saturate the color by 10%, you get **57.6457, 38.1904, 78.8327**, and if you desaturate by 10%, it is **65.7673, 53.2991, 85.0374**.

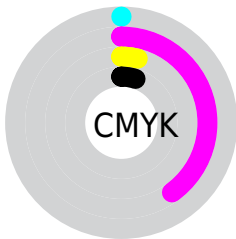
Distribution



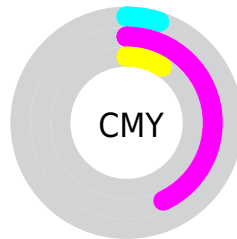
- Red (95%)
- Green (57%)
- Blue (91%)



- Red (95%)
- Yellow (57%)
- Blue (91%)



- Cyan (0%)
- Magenta (40%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3088, 44.9542, 81.7896 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 61.3088, 44.9542, 81.7896 by changing the saturation by 10% instead.


 61.3088, 44.9542,
81.7896


 61.3088, 44.9542,
81.7896


419.1632,
366.5880, 520.8086

 44.7279, 31.4214,
60.6573

 105.8215, 82.6517,
137.7129

 31.4435, 20.9199,
43.5199


 134.4840,
107.5851, 173.3411

 21.0903, 13.0655,
29.9588

167.9045,
137.0875, 214.6383

 13.3029, 7.4736,
19.5556

206.4483,
171.5433, 262.0230

 7.7159, 3.7600,
11.8915

250.4806,
211.3368, 315.9139

 3.9639, 1.5403,
6.5482

300.3670,

 1.6818, 0.3168,

256.8525, 376.7294

3.1071

356.4727,
308.4748, 444.8881

■ 0.4448, 0.0000,
1.1496

■ 0.0000, 0.0000,
0.0000

■ 61.3088, 44.9542,
81.7896

■ 61.3088, 44.9542,
81.7896

■ 57.6457, 38.1904,
78.8327

■ 65.7673, 53.2991,
85.0374

■ 54.7233, 32.9007,
76.1470


■ 71.0630, 63.3110,
88.5887


■ 52.4866, 28.9746,
73.7144


■ 77.2397, 75.0769,
92.4587


■ 50.8713, 26.2832,
71.5135


■ 84.3370, 88.6761,
96.6607


 49.8006, 24.6731,
69.5186


 88.7800, 96.9581,
100.0032

 49.1493, 23.8899,
67.7007

 89.1625, 97.1111,
102.0175

 89.5502, 97.2662,
104.0589

 89.9430, 97.4233,
106.1276

 90.3410, 97.5825,
108.2237

Harmonies

Analogous

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



52.8491, 44.9542, 112.9673



61.3088, 44.9542, 81.7896



64.6612, 44.9542, 49.2073

Triad

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



61.3088, 44.9542, 81.7896



42.8182, 44.9542, 12.2251



28.2715, 44.9542, 81.1588

Complementary

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



61.3088, 44.9542, 81.7896



49.3475, 71.8921, 42.2887

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.



26.4168, 44.9542, 48.6886



61.3088, 44.9542, 81.7896



33.9887, 44.9542, 15.2876

Square

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



61.3088, 44.9542, 81.7896



53.0300, 44.9542, 15.4073



28.3403, 44.9542, 26.3368



33.8542, 44.9542, 112.5150

Rectangle

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



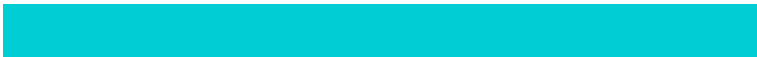
61.3088, 44.9542, 81.7896



63.2041, 44.9542, 32.7943



28.3403, 44.9542, 26.3368



27.2334, 44.9542, 69.6873

Sweetspot

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



61.3103, 44.9562, 81.7905



85.5494, 81.8050, 103.2478



39.6145, 33.6028, 88.4035



18.1093, 17.1246, 21.9746



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.



61.3103, 44.9562, 81.7905



65.6571, 44.3594, 89.4058



55.3758, 42.5825, 50.5403



16.3799, 16.0017, 19.5569



26.4330, 12.8456, 36.5265



2.2190, 1.0767, 3.1443

Inverse Universe

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



61.3103, 44.9562, 81.7905



65.6571, 44.3594, 89.4058



54.2343, 73.8468, 68.0223



16.3799, 16.0017, 19.5569



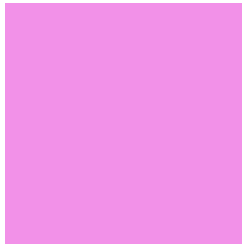
26.4330, 12.8456, 36.5265



2.2190, 1.0767, 3.1443

Previews

White Background



This preview shows how the XYZ color 61.3088, 44.9542, 81.7896 looks on a white background.

Color Contrast Check

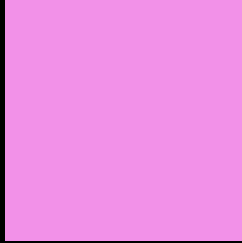
Large Text (above 18pt) WCAG AA × Fail

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 61.3088, 44.9542, 81.7896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

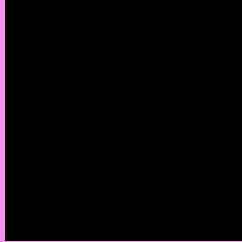
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3088, 44.9542, 81.7896

Background



This preview shows how black text looks on a background with the XYZ color 61.3088, 44.9542, 81.7896.



This preview shows how white text looks on a background with the XYZ color 61.3088, 44.9542,

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

61.3088, 44.9542, 81.7896

Protanopia

47.0986, 45.5343, 100.9144

Deuteranopia

46.2661, 45.3123, 78.2592



Tritanopia

53.4142, 44.8484, 43.8716

Trichromacy



Original Color

61.3088, 44.9542, 81.7896



Protanomaly

50.4933, 44.0648, 93.8398



Deuteranomaly

50.4847, 44.3820, 79.3045



Tritanomaly

55.9419, 44.6372, 56.1195

Monochromacy



Original Color

61.3088, 44.9542, 81.7896



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.0942, 45.9456, 61.4865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3088, 44.9542, 81.7896 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, 145, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 232)  
}
```

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, 145, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.3088, 44.9542, 81.7896 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, 145, 232) }
```


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

```
.border{ border-color:rgb(242, 145, 232) }
```

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

Here you see how a box with a 4 pixel rgb(242, 145, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3088, 44.9542, 81.7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 232) }
```

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

```
.background{ background-color: rgb(242,  
145, 232) }
```

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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