

Converting Colors

XYZ(78.5477, 45.1644, 86.4141)

Have a look what the booklet for
XYZ(78.5477, 45.1644, 86.4141)
contains.

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Color

**XYZ(61.1877, 36.2274,
85.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	FF62EF
RGB	255, 98, 239
RGB Percent	100%, 38%, 94%
CMY	0.0000, 0.6157, 0.0627
CMYK	0.00, 0.62, 0.06, 0.00
HSL	306°, 100%, 69%
HSV	306°, 62%, 100%
XYZ	61.1877, 36.2274, 85.4290
YIQ	161.0170, 48.3110, 77.1350

Conversions

Conversions Part 2

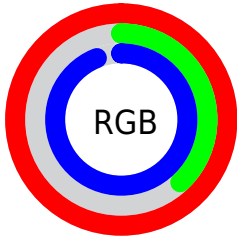
Format	Color
R _{YB}	255, 98, 239
Decimal	16737007
CIE _{Lab}	66.69, 75.29, -41.89
CIE _{LCh}	67, 86.161, 330.911
Y _{xy}	36.2274, 0.3346, 0.1981
Android (android.graphics.Color)	4294927087 (0xFFFF62EF)
YUV	161.0170, 38.4456, 82.4231
Hunter-Lab	60.1892, 76.1301, -42.0203

Details

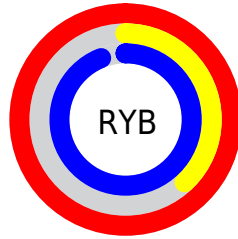
The XYZ color **61.1877, 36.2274, 85.4290** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **43.8355, 75.3322, 28.1519**, and the grayscale version is **33.6971, 35.4520, 38.6072**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **31.3411, 15.7634, 45.6467** is the 20% darker color. If you saturate the color by 10%, you get **58.7891, 32.0402, 82.7492**, and if you desaturate by 10%, it is **64.3530, 41.9390, 88.3925**.

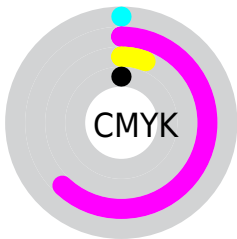
Distribution



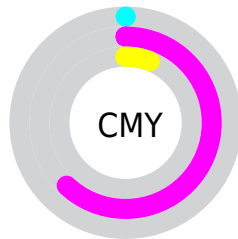
- Red (100%)
- Green (38%)
- Blue (94%)



- Red (100%)
- Yellow (38%)
- Blue (94%)



- Cyan (0%)
- Magenta (62%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1877, 36.2274, 85.4290 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 61.1877, 36.2274, 85.4290 by changing the saturation by 10% instead.


 61.1877, 36.2274,
85.4290


 61.1877, 36.2274,
85.4290

418.7268,
329.9534, 533.2281

 44.6298, 24.6099,
63.6437


 105.6472, 69.3829,
142.8519


 31.3660, 15.7866,
45.9178


 134.2796, 91.6897,
179.3266

 21.0309, 9.3733,
31.8328

 167.6674,
118.3283, 221.5348

 13.2592, 4.9855,
20.9701

 206.1761,
149.6832, 269.8951

 7.6855, 2.2387,
12.9111

250.1711,
186.1388, 324.8261

 3.9445, 0.7410,
7.2373

300.0176,

 1.6708, 0.0000,

228.0794, 386.7462

3.5303

356.0811,
275.8895, 456.0740

■ 0.4379, 0.0000,
1.3714

■ 0.0000, 0.0000,
0.1192

■ 61.1877, 36.2274,
85.4290

■ 61.1877, 36.2274,
85.4290

■ 58.7891, 32.0402,
82.7492

■ 64.3530, 41.9390,
88.3925

■ 57.0798, 29.2228,
80.3258

■ 68.3479, 49.3010,
91.6595


■ 55.9703, 27.5963,
78.1294

■ 73.2315, 58.4315,
95.2501

■ 55.3846, 26.9178,
76.4144

■ 79.0567, 69.4364,
99.1822

 85.8725, 82.4133,
103.4722

 93.7241, 97.4530,
108.1352

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.9191, 36.2274, 138.1130



61.1877, 36.2274, 85.4290



65.9211, 36.2274, 38.3199

Triad

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



61.1877, 36.2274, 85.4290



34.0378, 36.2274, 2.4449



17.1452, 36.2274, 88.7665

Complementary

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



61.1877, 36.2274, 85.4290



43.8355, 75.3322, 28.1519

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.



15.0141, 36.2274, 40.5929



61.1877, 36.2274, 85.4290



23.1327, 36.2274, 4.4036

Square

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



61.1877, 36.2274, 85.4290



48.0557, 36.2274, 4.1453



16.8971, 36.2274, 13.8921



23.6639, 36.2274, 140.7500

Rectangle

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



61.1877, 36.2274, 85.4290



63.4226, 36.2274, 19.0310



16.8971, 36.2274, 13.8921



15.9779, 36.2274, 70.8704

Sweetspot

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



61.1885, 36.2288, 85.4297



81.3709, 73.8324, 100.6700



29.3198, 19.5146, 96.8291



17.0104, 15.0312, 21.2869



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.



61.1885, 36.2288, 85.4297



58.3126, 31.2343, 82.1366



52.0242, 32.5631, 37.1713



18.7082, 18.2666, 22.3464



28.9721, 14.0781, 40.0990



2.8430, 1.3796, 4.0205

Inverse Universe

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



61.1885, 36.2288, 85.4297



58.3126, 31.2343, 82.1366



50.3348, 77.9319, 62.3767



18.7082, 18.2666, 22.3464



28.9721, 14.0781, 40.0990



2.8430, 1.3796, 4.0205

Previews

White Background



This preview shows how the XYZ color 61.1877, 36.2274, 85.4290 looks on a white background.

Color Contrast Check

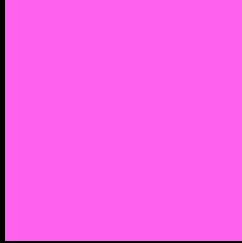
Large Text (above 18pt) WCAG AA × Fail

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 61.1877, 36.2274, 85.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

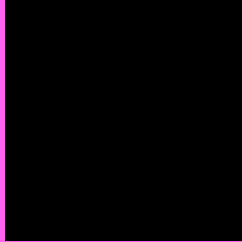
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1877, 36.2274, 85.4290

Background



This preview shows how black text looks on a background with the XYZ color 61.1877, 36.2274, 85.4290.



This preview shows how white text looks on a background with the XYZ color 61.1877, 36.2274,

85.4290.

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

61.1877, 36.2274, 85.4290

Protanopia

39.2250, 36.7972, 99.6429

Deuteranopia

37.5352, 36.6358, 79.2218



Tritanopia

49.3415, 36.1894, 27.6772

Trichromacy



Original Color

61.1877, 36.2274, 85.4290



Protanomaly

43.2781, 33.6151, 93.8299



Deuteranomaly

42.8525, 33.8839, 81.3725



Tritanomaly

52.4996, 35.4644, 43.6134

Monochromacy



Original Color

61.1877, 36.2274, 85.4290



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

40.7795, 33.4532, 52.4519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1877, 36.2274, 85.4290 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(255, 98, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 239)  
}
```

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(255, 98, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 239) }
```

Border

The CSS property to change the border of an element to XYZ 61.1877, 36.2274, 85.4290 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(255, 98, 239) }
```


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

```
.border{ border-color:rgb(255, 98, 239) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1877, 36.2274, 85.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 239) }
```

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

```
.background{ background-color: rgb(255, 98,  
239) }
```

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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