

Converting Colors

XYZ(61.6879, 36.9428, 87.4108)

Have a look what the booklet for
XYZ(61.6879, 36.9428, 87.4108)
contains.

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Color

**XYZ(61.5016, 36.9244,
87.1047)**

Conversions

Conversions Part 1

Format	Color
Hex	FE66F1
RGB	254, 102, 241
RGB Percent	100%, 40%, 95%
CMY	0.0039, 0.6000, 0.0549
CMYK	0.00, 0.60, 0.05, 0.00
HSL	305°, 99%, 70%
HSV	305°, 60%, 100%
XYZ	61.5016, 36.9244, 87.1047
YIQ	163.2940, 45.9730, 75.4530

Conversions

Conversions Part 2

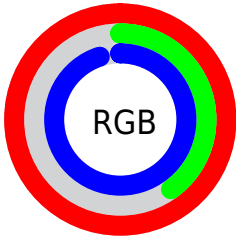
Format	Color
R_{YB}	254, 102, 241
Decimal	16672497
CIE _{Lab}	67.22, 73.76, -42.18
CIE _{LCh}	67, 84.967, 330.237
Yxy	36.9244, 0.3315, 0.1990
Android (android.graphics.Color)	4294862577 (0xFFFE66F1)
YUV	163.2940, 38.3091, 79.5492
Hunter-Lab	60.7655, 74.3229, -42.4539

Details

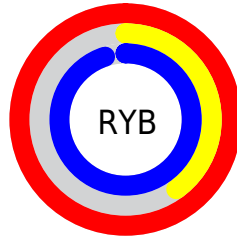
The XYZ color **61.5016, 36.9244, 87.1047** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.0175, 74.9477, 28.3684**, and the grayscale version is **34.7626, 36.5729, 39.8279**.

A 20% lighter version of the original color is **71.8608, 53.6216, 101.1703**, and **31.5307, 16.1918, 46.8109** is the 20% darker color. If you saturate the color by 10%, you get **59.0546, 32.5458, 84.6976**, and if you desaturate by 10%, it is **64.7195, 42.8367, 89.7884**.

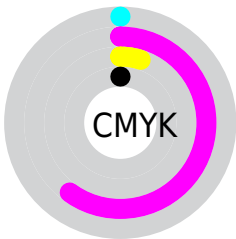
Distribution



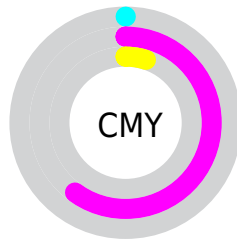
- Red (100%)
- Green (40%)
- Blue (95%)



- Red (100%)
- Yellow (40%)
- Blue (95%)



- Cyan (0%)
- Magenta (60%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5016, 36.9244, 87.1047 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 61.5016, 36.9244, 87.1047 by changing the saturation by 10% instead.


 61.5016, 36.9244,
87.1047


 61.5016, 36.9244,
87.1047


419.8573,
332.9831, 538.8920


 44.8842, 25.1490,
65.0217


 106.0989, 70.4565,
145.2102

 31.5671, 16.1881,
47.0272


 134.8095, 92.9819,
182.0699

 21.1850, 9.6573,
32.7027


 168.2818,
119.8595, 224.6921

 13.3725, 5.1724,
21.6295

 206.8812,
151.4736, 273.4956

 7.7643, 2.3487,
13.3892

250.9732,
188.2086, 328.8988

 3.9951, 0.7993,
7.5633

300.9229,

 1.6993, 0.0000,

230.4489, 391.3202

3.7330

357.0959,
278.5790, 461.1784

■ 0.4559, 0.0000,
1.4801

■ 0.0000, 0.0000,
0.2030

■ 61.5016, 36.9244,
87.1047

■ 61.5016, 36.9244,
87.1047

■ 59.0546, 32.5458,
84.6976

■ 64.7195, 42.8367,
89.7884

■ 57.3022, 29.5512,
82.5408

■ 68.7676, 50.4042,
92.7678

■ 56.1595, 27.7697,
80.6062

■ 73.7039, 59.7419,
96.0624

■ 55.4876, 26.9238,
78.8474

■ 79.5802, 70.9532,
99.6897

■ 55.4782, 26.9130,
78.8199

■ 86.4441, 84.1336,
103.6655

■ 94.3401, 99.3719,
108.0048

■ 94.6836, 99.8111,
108.8829

Harmonies

Analogous

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



49.2119, 36.9244, 138.8651



61.5016, 36.9244, 87.1047



66.4082, 36.9244, 39.9100

Triad

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



61.5016, 36.9244, 87.1047



34.9926, 36.9244, 2.7272



17.6578, 36.9244, 87.9635

Complementary

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



61.5016, 36.9244, 87.1047



44.0175, 74.9477, 28.3684

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.



15.5974, 36.9244, 40.5003



61.5016, 36.9244, 87.1047



23.9752, 36.9244, 4.6835

Square

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



61.5016, 36.9244, 87.1047



48.9886, 36.9244, 4.6135



17.5927, 36.9244, 14.1498



24.1140, 36.9244, 139.5406

Rectangle

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



61.5016, 36.9244, 87.1047



64.0811, 36.9244, 20.2138



17.5927, 36.9244, 14.1498



16.5111, 36.9244, 70.3161

Sweetspot

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



61.5029, 36.9261, 87.1054



81.4893, 73.8797, 101.2932



29.6690, 20.2827, 96.1184



17.0398, 15.0429, 21.4413



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.



61.5029, 36.9261, 87.1054



59.1425, 32.0670, 84.9630



52.4480, 33.3041, 39.4228



18.7217, 18.2720, 22.4176



29.2760, 14.1997, 41.6994



2.8694, 1.3901, 4.1598

Inverse Universe

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



61.5029, 36.9261, 87.1054



59.1425, 32.0670, 84.9630



50.2903, 77.4568, 61.4003



18.7217, 18.2720, 22.4176



29.2760, 14.1997, 41.6994



2.8694, 1.3901, 4.1598

Previews

White Background



This preview shows how the XYZ color 61.5016, 36.9244, 87.1047 looks on a white background.

Color Contrast Check

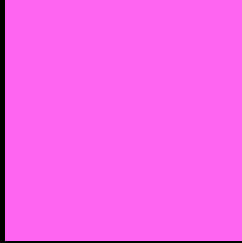
Large Text (above 18pt) WCAG AA × Fail

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 61.5016, 36.9244, 87.1047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

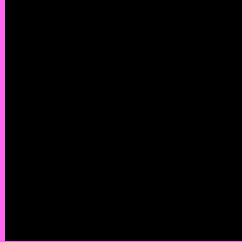
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5016, 36.9244, 87.1047

Background



This preview shows how black text looks on a background with the XYZ color 61.5016, 36.9244, 87.1047.



This preview shows how white text looks on a background with the XYZ color 61.5016, 36.9244,

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

61.5016, 36.9244, 87.1047

Protanopia

39.6970, 37.2989, 99.7149

Deuteranopia

38.1594, 37.1856, 80.7676



Tritanopia

49.6050, 36.8840, 28.9310

Trichromacy



Original Color

61.5016, 36.9244, 87.1047



Protanomaly

44.0890, 34.6570, 94.8082



Deuteranomaly

43.4295, 34.5781, 82.9825



Tritanomaly

52.9107, 36.3417, 45.3002

Monochromacy



Original Color

61.5016, 36.9244, 87.1047



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

41.6938, 34.5471, 53.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5016, 36.9244, 87.1047 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(254, 102, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 102, 241)  
}
```

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(254, 102, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 102, 241) }
```

Border

The CSS property to change the border of an element to XYZ 61.5016, 36.9244, 87.1047 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(254, 102, 241) }
```


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

```
.border{ border-color:rgb(254, 102, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 102, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 102, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 102, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 102,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5016, 36.9244, 87.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 102, 241) }
```

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

```
.background{ background-color: rgb(254,  
102, 241) }
```

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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