

Converting Colors

XYZ(61.5336, 36.5848, 86.5754)

Have a look what the booklet for
XYZ(61.5336, 36.5848, 86.5754)
contains.

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Color

**XYZ(61.4300, 36.4750,
86.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	FF63F0
RGB	255, 99, 240
RGB Percent	100%, 39%, 94%
CMY	0.0000, 0.6117, 0.0588
CMYK	0.00, 0.61, 0.06, 0.00
HSL	306°, 100%, 69%
HSV	306°, 61%, 100%
XYZ	61.4300, 36.4750, 86.2407
YIQ	161.7180, 47.7150, 76.9230

Conversions

Conversions Part 2

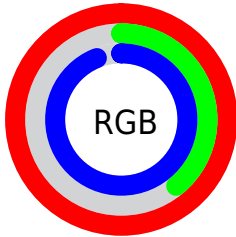
Format	Color
R _Y B	255, 99, 240
Decimal	16737264
CIE Lab	66.88, 75.05, -42.15
CIE LCh	67, 86.077, 330.682
Yxy	36.4750, 0.3336, 0.1981
Android (android.graphics.Color)	4294927344 (0xFFFF63F0)
YUV	161.7180, 38.5930, 81.8083
Hunter-Lab	60.3945, 75.8699, -42.3873

Details

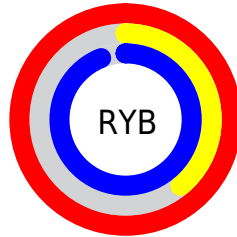
The XYZ color **61.4300, 36.4750, 86.2407** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **43.9441, 75.3882, 28.1570**, and the grayscale version is **34.0222, 35.7940, 38.9797**.

A 20% lighter version of the original color is **71.5169, 52.9337, 101.0556**, and **31.5172, 15.9495, 46.2172** is the 20% darker color. If you saturate the color by 10%, you get **59.0224, 32.2386, 83.6535**, and if you desaturate by 10%, it is **64.6065, 42.2410, 89.1094**.

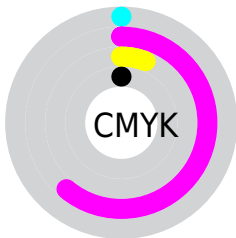
Distribution



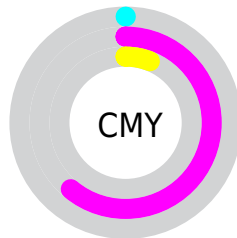
- Red (100%)
- Green (39%)
- Blue (94%)



- Red (100%)
- Yellow (39%)
- Blue (94%)



- Cyan (0%)
- Magenta (61%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4300, 36.4750, 86.2407 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 61.4300, 36.4750, 86.2407 by changing the saturation by 10% instead.


 61.4300, 36.4750,
86.2407

 61.4300, 36.4750,
86.2407

419.5996,
331.0319, 535.9758


 44.8261, 24.8013,
64.3110


 105.9959, 69.7646,
143.9948


 31.5212, 15.9291,
46.4548

 134.6886, 92.1492,
180.6564

 21.1498, 9.4740,
32.2536


 168.1417,
118.8730, 223.0656

 13.3466, 5.0516,
21.2889

 206.7205,
150.3202, 271.6410

 7.7463, 2.2776,
13.1420

250.7903,
186.8753, 326.8012

 3.9835, 0.7618,
7.3945

300.7165,

 1.6928, 0.0000,

228.9227, 388.9647

3.6279

356.8645,
276.8468, 458.5501

■ 0.4518, 0.0000,
1.4235

■ 0.0000, 0.0000,
0.1599

■ 61.4300, 36.4750,
86.2407

■ 61.4300, 36.4750,
86.2407

■ 59.0224, 32.2386,
83.6535

■ 64.6065, 42.2410,
89.1094

■ 57.3066, 29.3783,
81.3207


■ 68.6144, 49.6619,
92.2791


■ 56.1940, 27.7163,
79.2130

■ 73.5126, 58.8554,
95.7700

■ 55.5905, 27.0002,
77.4988

■ 79.3538, 69.9271,
99.5999

 86.1867, 82.9741,
103.7850

 94.0566, 98.0872,
108.3405

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.



49.0923, 36.4750, 138.9322



61.4300, 36.4750, 86.2407



66.2481, 36.4750, 38.8666

Triad

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



61.4300, 36.4750, 86.2407



34.3708, 36.4750, 2.4978



17.2743, 36.4750, 88.7468

Complementary

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



61.4300, 36.4750, 86.2407



43.9441, 75.3882, 28.1570

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.



15.1629, 36.4750, 40.5758



61.4300, 36.4750, 86.2407



23.3888, 36.4750, 4.4463

Square

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



61.4300, 36.4750, 86.2407



48.4434, 36.4750, 4.2507



17.0874, 36.4750, 13.9194



23.7887, 36.4750, 140.9110

Rectangle

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



61.4300, 36.4750, 86.2407



63.7948, 36.4750, 19.3776



17.0874, 36.4750, 13.9194



16.1116, 36.4750, 70.8377

Sweetspot

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



61.4308, 36.4765, 86.2414



81.4125, 73.8490, 100.8888



29.1956, 19.5904, 96.8503



17.0207, 15.0353, 21.3411



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.



61.4308, 36.4765, 86.2414



58.6597, 31.6181, 83.2091



52.4038, 32.8657, 38.7059



18.7129, 18.2685, 22.3714



29.0781, 14.1205, 40.6573



2.8522, 1.3833, 4.0692

Inverse Universe

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



61.4308, 36.4765, 86.2414



58.6597, 31.6181, 83.2091



50.2011, 77.8909, 61.1057



18.7129, 18.2685, 22.3714



29.0781, 14.1205, 40.6573



2.8522, 1.3833, 4.0692

Previews

White Background



This preview shows how the XYZ color 61.4300, 36.4750, 86.2407 looks on a white background.

Color Contrast Check

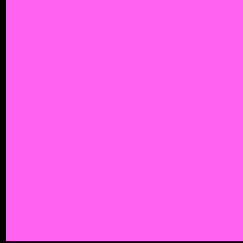
Large Text (above 18pt) WCAG AA × Fail

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 61.4300, 36.4750, 86.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

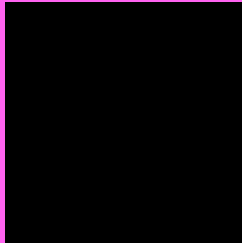
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4300, 36.4750, 86.2407

Background



This preview shows how black text looks on a background with the XYZ color 61.4300, 36.4750, 86.2407.



This preview shows how white text looks on a background with the XYZ color 61.4300, 36.4750,

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

61.4300, 36.4750, 86.2407

Protanopia

39.2250, 36.7972, 99.6429

Deuteranopia

37.6753, 36.6919, 79.9595



Tritanopia

49.4130, 36.2180, 28.0533

Trichromacy



Original Color

61.4300, 36.4750, 86.2407



Protanomaly

43.5774, 33.9633, 94.7013



Deuteranomaly

42.9958, 33.9412, 82.1271



Tritanomaly

52.7127, 35.7350, 44.1637

Monochromacy



Original Color

61.4300, 36.4750, 86.2407



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

41.2918, 33.9187, 53.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4300, 36.4750, 86.2407 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, 99, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 240)  
}
```

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, 99, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 240) }
```

Border

The CSS property to change the border of an element to XYZ 61.4300, 36.4750, 86.2407 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, 99, 240) }
```


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

```
.border{ border-color:rgb(255, 99, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 99, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4300, 36.4750, 86.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 240) }
```

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

```
.background{ background-color: rgb(255, 99,  
240) }
```

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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