

Converting Colors

XYZ(60.5149, 36.7315, 79.5022)

Have a look what the booklet for
XYZ(60.5149, 36.7315, 79.5022)
contains.

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Color

**XYZ(60.5141, 36.7300,
79.5015)**

Conversions

Conversions Part 1

Format	Color
Hex	FF67E7
RGB	255, 103, 231
RGB Percent	100%, 40%, 91%
CMY	0.0000, 0.5961, 0.0941
CMYK	0.00, 0.60, 0.09, 0.00
HSL	309°, 100%, 70%
HSV	309°, 60%, 100%
XYZ	60.5141, 36.7300, 79.5015
YIQ	163.0400, 49.5040, 72.0320

Conversions

Conversions Part 2

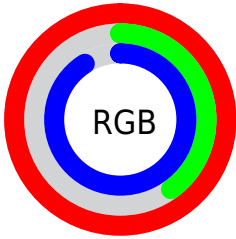
Format	Color
R _Y B	255, 103, 231
Decimal	16738279
CIE Lab	67.07, 72.06, -36.86
CIE LCh	67, 80.944, 332.908
Yxy	36.7300, 0.3424, 0.2078
Android (android.graphics.Color)	4294928359 (0xFFFF67E7)
YUV	163.0400, 33.5043, 80.6489
Hunter-Lab	60.6053, 72.1722, -35.3524

Details

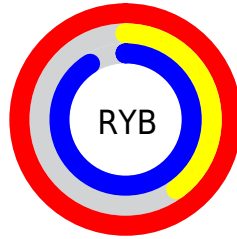
The XYZ color **60.5141, 36.7300, 79.5015** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **45.1855, 75.9365, 32.3566**, and the grayscale version is **34.6635, 36.4687, 39.7144**.

A 20% lighter version of the original color is **72.0349, 53.9697, 101.2283**, and **30.9367, 16.0835, 42.0313** is the 20% darker color. If you saturate the color by 10%, you get **57.7911, 32.1836, 75.8206**, and if you desaturate by 10%, it is **64.0248, 42.8307, 83.5104**.

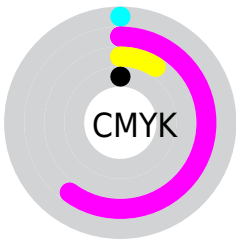
Distribution



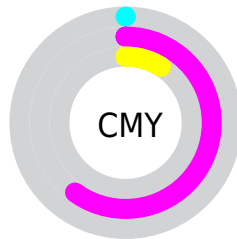
- Red (100%)
- Green (40%)
- Blue (91%)



- Red (100%)
- Yellow (40%)
- Blue (91%)



- Cyan (0%)
- Magenta (60%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5141, 36.7300, 79.5015 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 60.5141, 36.7300, 79.5015 by changing the saturation by 10% instead.


 60.5141, 36.7300,
79.5015


 60.5141, 36.7300,
79.5015

416.2946,
332.1401, 512.9137


 44.0842, 24.9985,
58.7845


 104.6772, 70.1573,
134.4697


 30.9349, 16.0759,
42.0208


 133.1411, 92.6220,
169.5579

 20.7009, 9.5779,
28.7919


 166.3470,
119.4331, 210.2737

 13.0167, 5.1200,
18.6792

 204.6603,
150.9751, 257.0355

 7.5171, 2.3178,
11.2643

248.4464,
187.6324, 310.2618

 3.8368, 0.7831,
6.1285

298.0705,

 1.6102, 0.0000,

229.7894, 370.3713

2.8533

353.8981,
277.8305, 437.7824

■ 0.3990, 0.0000,
1.0202

■ 0.0000, 0.0000,
0.0000

■ 60.5141, 36.7300,
79.5015

■ 60.5141, 36.7300,
79.5015

■ 57.7911, 32.1836,
75.8206

■ 64.0248, 42.8307,
83.5104

■ 55.7806, 29.0415,
72.4408

■ 68.3847, 50.6087,
87.8670

■ 54.3966, 27.1318,
69.3336

■ 73.6517, 60.1798,
92.5913

■ 53.5032, 26.1828,
66.4532

■ 79.8779, 71.6480,
97.7011

■ 53.4718, 26.1527,
66.3420

■ 87.1117, 85.1097,
103.2130

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.



49.4172, 36.7300, 128.1956



60.5141, 36.7300, 79.5015



64.2948, 36.7300, 36.6511

Triad

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



60.5141, 36.7300, 79.5015



33.7236, 36.7300, 3.3055



18.5681, 36.7300, 89.2963

Complementary

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



60.5141, 36.7300, 79.5015



45.1855, 75.9365, 32.3566

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.



16.2026, 36.7300, 43.5315



60.5141, 36.7300, 79.5015



23.5635, 36.7300, 5.8052

Square

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



60.5141, 36.7300, 79.5015



46.8411, 36.7300, 4.9061



17.7908, 36.7300, 16.3791



25.2005, 36.7300, 135.8190

Rectangle

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



60.5141, 36.7300, 79.5015



61.5745, 36.7300, 18.9806



17.7908, 36.7300, 16.3791



17.3287, 36.7300, 72.6160

Sweetspot

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



60.5149, 36.7315, 79.5022



80.9699, 73.6720, 98.5583



31.4766, 21.3428, 97.0683



16.9112, 14.9915, 20.7645



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.



60.5149, 36.7315, 79.5022



57.2476, 31.3091, 74.9846



52.1091, 33.3692, 35.2379



18.6622, 18.2482, 22.1041



27.9864, 13.6839, 34.9085



2.7566, 1.3450, 3.5656

Inverse Universe

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



60.5149, 36.7315, 79.5022



57.2476, 31.3091, 74.9846



51.9916, 78.6589, 68.1970



18.6622, 18.2482, 22.1041



27.9864, 13.6839, 34.9085



2.7566, 1.3450, 3.5656

Previews

White Background



This preview shows how the XYZ color 60.5141, 36.7300, 79.5015 looks on a white background.

Color Contrast Check

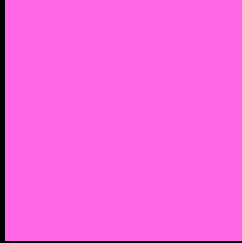
Large Text (above 18pt) WCAG AA × Fail

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 60.5141, 36.7300, 79.5015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

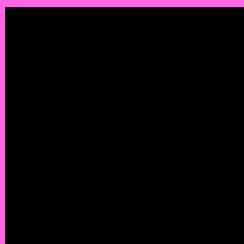
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5141, 36.7300, 79.5015

Background



This preview shows how black text looks on a background with the XYZ color 60.5141, 36.7300, 79.5015.



This preview shows how white text looks on a background with the XYZ color 60.5141, 36.7300,

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

60.5141, 36.7300, 79.5015

Protanopia

39.6970, 37.2989, 99.7149

Deuteranopia

37.9623, 36.9667, 74.2417



Tritanopia

49.8907, 36.6570, 28.1129

Trichromacy



Original Color

60.5141, 36.7300, 79.5015



Protanomaly

43.4682, 34.4087, 91.5393



Deuteranomaly

43.2184, 34.6315, 75.6409



Tritanomaly

53.0144, 36.2737, 42.7354

Monochromacy



Original Color

60.5141, 36.7300, 79.5015



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

41.3669, 34.4164, 52.0397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5141, 36.7300, 79.5015 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, 103, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 231)  
}
```

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, 103, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.5141, 36.7300, 79.5015 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, 103, 231) }
```


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

```
.border{ border-color:rgb(255, 103, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5141, 36.7300, 79.5015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 231) }
```

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

```
.background{ background-color: rgb(255,  
103, 231) }
```

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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