

Converting Colors

XYZ(60.6310, 37.0268, 79.3466)

Have a look what the booklet for
XYZ(60.6310, 37.0268, 79.3466)
contains.

XYZ(60.7154, 37.1327, 79.5686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7154, 37.1327,
79.5686)**

Conversions

Conversions Part 1

Format	Color
Hex	FF69E7
RGB	255, 105, 231
RGB Percent	100%, 41%, 91%
CMY	0.0000, 0.5882, 0.0941
CMYK	0.00, 0.59, 0.09, 0.00
HSL	310°, 100%, 71%
HSV	310°, 59%, 100%
XYZ	60.7154, 37.1327, 79.5686
YIQ	164.2140, 48.9540, 70.9860

Conversions

Conversions Part 2

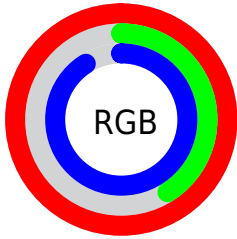
Format	Color
RYB	255, 105, 231
Decimal	16738791
CIELab	67.38, 71.23, -36.39
CIElCh	67, 79.993, 332.938
Yxy	37.1327, 0.3422, 0.2093
Android (android.graphics.Color)	4294928871 (0xFFFF69E7)
YUV	164.2140, 32.9255, 79.6193
Hunter-Lab	60.9366, 71.2130, -34.7629

Details

The XYZ color **60.7154, 37.1327, 79.5686** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.5495, 76.1089, 33.0610**, and the grayscale version is **35.2217, 37.0560, 40.3540**.

A 20% lighter version of the original color is **72.3872, 54.6744, 101.3457**, and **31.0365, 16.2831, 42.0646** is the 20% darker color. If you saturate the color by 10%, you get **57.9269, 32.4671, 75.8293**, and if you desaturate by 10%, it is **64.2974, 43.3634, 83.6396**.

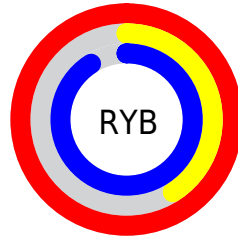
Distribution



Red (100%)

Green (41%)

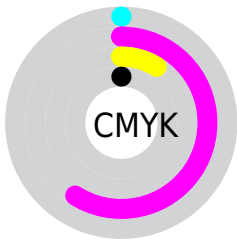
Blue (91%)



Red (100%)

Yellow (41%)

Blue (91%)

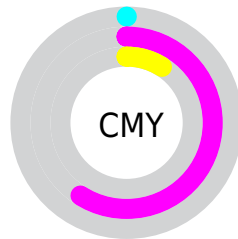


Cyan (0%)

Magenta (59%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (59%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7154, 37.1327, 79.5686 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 60.7154, 37.1327, 79.5686 by changing the saturation by 10% instead.


 60.7154, 37.1327,
79.5686


 60.7154, 37.1327,
79.5686

417.0223,
333.8847, 513.1462


 44.2472, 25.3103,
58.8393

 104.9672, 70.7768,
134.5649


 31.0636, 16.3084,
42.0646

 133.4815, 93.3673,
169.6691

 20.7994, 9.7426,
28.8260


 166.7419,
120.3159, 210.4020

 13.0891, 5.2286,
18.7048

 205.1137,
152.0070, 257.1822

 7.5673, 2.3820,
11.2825

248.9623,
188.8251, 310.4281

 3.8688, 0.8166,
6.1406

298.6530,

 1.6282, 0.0000,

231.1544, 370.5584

2.8606

354.5512,
279.3795, 437.9916

■ 0.4107, 0.0000,
1.0239

■ 0.0000, 0.0000,
0.0000

■ 60.7154, 37.1327,
79.5686

■ 60.7154, 37.1327,
79.5686

■ 57.9269, 32.4671,
75.8293

■ 64.2974, 43.3634,
83.6396

■ 55.8573, 29.2181,
72.3950

■ 68.7335, 51.2810,
88.0616

■ 54.4220, 27.2166,
69.2375

■ 74.0813, 61.0001,
92.8546

■ 53.4973, 26.2152,
66.3152

■ 80.3927, 72.6245,
98.0364

■ 53.4030, 26.1252,
65.9797

■ 87.7156, 86.2497,
103.6234

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.



49.7212, 37.1327, 127.6501



60.7154, 37.1327, 79.5686



64.4495, 37.1327, 37.0695

Triad

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



60.7154, 37.1327, 79.5686



34.0993, 37.1327, 3.5453



18.9792, 37.1327, 89.3541

Complementary

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



60.7154, 37.1327, 79.5686



45.5495, 76.1089, 33.0610

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.



16.6014, 37.1327, 43.9902



60.7154, 37.1327, 79.5686



23.9675, 37.1327, 6.1215

Square

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



60.7154, 37.1327, 79.5686



47.1381, 37.1327, 5.1905



18.1915, 37.1327, 16.8419



25.6205, 37.1327, 135.2408

Rectangle

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



60.7154, 37.1327, 79.5686



61.7503, 37.1327, 19.4185



18.1915, 37.1327, 16.8419



17.7346, 37.1327, 72.8536

Sweetspot

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



60.7162, 37.1342, 79.5693



80.9549, 73.6660, 98.4794



31.9303, 21.8757, 97.1473



16.9075, 14.9901, 20.7450



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.



60.7162, 37.1342, 79.5693



57.4172, 31.6436, 75.0557



52.4213, 33.8163, 35.8890



18.6605, 18.2475, 22.0951



27.9509, 13.6697, 34.7216



2.7535, 1.3438, 3.5491

Inverse Universe

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



60.7162, 37.1342, 79.5693



57.4172, 31.6436, 75.0557



52.3069, 78.8118, 68.6450



18.6605, 18.2475, 22.0951



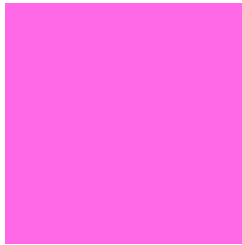
27.9509, 13.6697, 34.7216



2.7535, 1.3438, 3.5491

Previews

White Background



This preview shows how the XYZ color 60.7154, 37.1327, 79.5686 looks on a white background.

Color Contrast Check

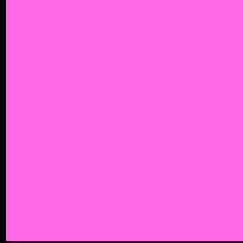
Large Text (above 18pt) WCAG AA × Fail

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 60.7154, 37.1327, 79.5686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

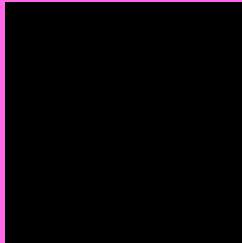
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7154, 37.1327, 79.5686

Background



This preview shows how black text looks on a background with the XYZ color 60.7154, 37.1327, 79.5686.



This preview shows how white text looks on a background with the XYZ color 60.7154, 37.1327,

79.5686.

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

60.7154, 37.1327, 79.5686

Protanopia

39.8481, 37.3769, 99.7220

Deuteranopia

38.3179, 37.4105, 74.3086



Tritanopia

50.0939, 36.9480, 28.5362

Trichromacy



Original Color

60.7154, 37.1327, 79.5686



Protanomaly

43.8386, 34.8175, 91.5987



Deuteranomaly

43.6090, 35.0508, 75.7012



Tritanomaly

53.2298, 36.5512, 43.2793

Monochromacy



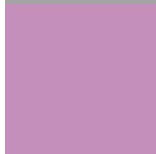
Original Color

60.7154, 37.1327, 79.5686



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

41.9255, 35.1461, 52.1511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7154, 37.1327, 79.5686 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, 105, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 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, 105, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.7154, 37.1327, 79.5686 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, 105, 231) }
```


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

```
.border{ border-color:rgb(255, 105, 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, 105, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7154, 37.1327, 79.5686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 231) }
```

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

```
.background{ background-color: rgb(255,  
105, 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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