

Converting Colors

XYZ(61.6195, 37.5284, 93.9948)

Have a look what the booklet for
XYZ(61.6195, 37.5284, 93.9948)
contains.

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Color

**XYZ(61.4235, 37.4947,
93.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	F96BF9
RGB	249, 107, 249
RGB Percent	98%, 42%, 98%
CMY	0.0235, 0.5804, 0.0235
CMYK	0.00, 0.57, 0.00, 0.02
HSL	300°, 92%, 70%
HSV	300°, 57%, 98%
XYZ	61.4235, 37.4947, 93.6224
YIQ	165.6460, 39.0500, 74.2660

Conversions

Conversions Part 2

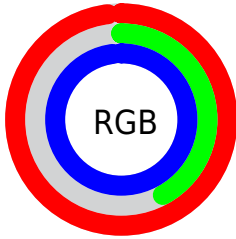
Format	Color
R _Y B	249, 107, 249
Decimal	16346105
CIE Lab	67.65, 71.74, -45.96
CIE LCh	68, 85.200, 327.352
Yxy	37.4947, 0.3190, 0.1947
Android (android.graphics.Color)	4294536185 (0xFFFF96BF9)
YUV	165.6460, 41.0935, 73.1015
Hunter-Lab	61.2329, 71.8980, -47.7887

Details

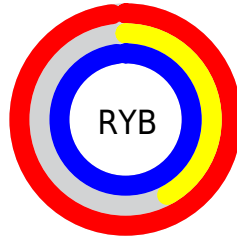
The XYZ color **61.4235, 37.4947, 93.6224** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **42.5946, 71.9402, 25.5529**, and the grayscale version is **35.8714, 37.7395, 41.0983**.

A 20% lighter version of the original color is **72.7451, 55.3903, 101.4650**, and **31.4391, 16.5014, 51.3972** is the 20% darker color. If you saturate the color by 10%, you get **59.1918, 33.0303, 92.8787**, and if you desaturate by 10%, it is **64.4051, 43.4569, 94.6167**.

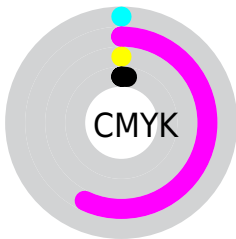
Distribution



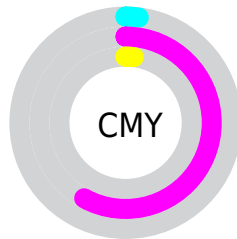
- Red (98%)
- Green (42%)
- Blue (98%)



- Red (98%)
- Yellow (42%)
- Blue (98%)



- Cyan (0%)
- Magenta (57%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4235, 37.4947, 93.6224 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 61.4235, 37.4947, 93.6224 by changing the saturation by 10% instead.


 61.4235, 37.4947,
93.6224

 61.4235, 37.4947,
93.6224

419.5762,
335.4474, 560.6166


 44.8209, 25.5907,
70.3984

 105.9865, 71.3330,
154.3392

 31.5170, 16.5177,
51.3726

 134.6777, 94.0361,
192.6690

 21.1466, 9.8912,
36.1264

 168.1290,
121.1077, 236.8712

 13.3443, 5.3269,
24.2414

206.7059,
152.9323, 287.3643

 7.7447, 2.4403,
15.2989

250.7737,
189.8941, 344.5669

 3.9824, 0.8465,
8.8805

300.6978,

 1.6922, 0.0000,

232.3776, 408.8974

4.5676

356.8435,
280.7673, 480.7745

■ 0.4514, 0.0000,
1.9416

■ 0.0000, 0.0000,
0.5190

■ 61.4235, 37.4947,
93.6224

■ 61.4235, 37.4947,
93.6224

■ 59.1918, 33.0303,
92.8787

■ 64.4051, 43.4569,
94.6167

■ 57.6398, 29.9263,
92.3612


■ 68.1909, 51.0283,
95.8787

■ 56.6912, 28.0292,
92.0449


■ 72.8346, 60.3157,
97.4268


■ 56.2468, 27.1404,
91.8967

■ 78.3844, 71.4152,
99.2768

 56.1664, 26.9796,
91.8698

 84.8847, 84.4160,
101.4437

 91.9266, 98.4997,
103.7911

 91.9266, 98.4997,
103.7913

 91.9267, 98.4997,
103.7914

 91.9267, 98.4997,
103.7915

Harmonies

Analogous

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



48.5512, 37.4947, 144.7125



61.4235, 37.4947, 93.6224



67.3013, 37.4947, 44.2609

Triad

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



61.4235, 37.4947, 93.6224



36.8178, 37.4947, 2.8108



17.5780, 37.4947, 83.9086

Complementary

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



61.4235, 37.4947, 93.6224



42.5946, 71.9402, 25.5529

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.



15.8888, 37.4947, 37.5724



61.4235, 37.4947, 93.6224



25.2445, 37.4947, 4.3829

Square

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



61.4235, 37.4947, 93.6224



51.0788, 37.4947, 5.1823



18.3169, 37.4947, 12.9099



23.6716, 37.4947, 137.0780

Rectangle

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



61.4235, 37.4947, 93.6224



65.6005, 37.4947, 22.8252



18.3169, 37.4947, 12.9099



16.5531, 37.4947, 66.4294

Sweetspot

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



61.4249, 37.4964, 93.6232



82.7460, 75.3921, 104.7985



28.4217, 20.4826, 92.0794



17.4419, 15.5986, 22.3414



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.



61.4249, 37.4964, 93.6232



62.2770, 34.4544, 97.9748



52.3622, 33.8713, 45.8997



17.9931, 17.5246, 21.8195



30.0646, 14.4415, 49.1758



2.7845, 1.3375, 4.5545

Inverse Universe

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



61.4249, 37.4964, 93.6232



62.2770, 34.4544, 97.9748



47.9767, 74.0931, 53.8944



17.9931, 17.5246, 21.8195



30.0646, 14.4415, 49.1758



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 61.4235, 37.4947, 93.6224 looks on a white background.

Color Contrast Check

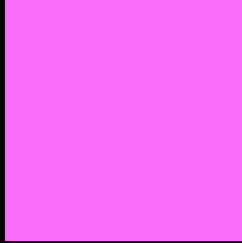
Large Text (above 18pt) WCAG AA × Fail

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 61.4235, 37.4947, 93.6224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

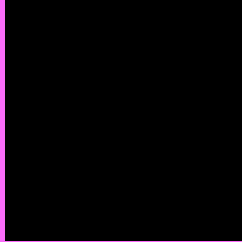
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4235, 37.4947, 93.6224

Background



This preview shows how black text looks on a background with the XYZ color 61.4235, 37.4947, 93.6224.



This preview shows how white text looks on a background with the XYZ color 61.4235, 37.4947,

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

61.4235, 37.4947, 93.6224

Protanopia

40.1763, 37.8065, 99.7876

Deuteranopia

38.8471, 37.9338, 86.9358



Tritanopia

48.6999, 37.3768, 31.4357

Trichromacy



Original Color

61.4235, 37.4947, 93.6224



Protanomaly

44.6362, 35.3221, 97.3938



Deuteranomaly

43.9046, 35.3461, 89.3025



Tritanomaly

52.1565, 36.7869, 49.1514

Monochromacy



Original Color

61.4235, 37.4947, 93.6224



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

42.8542, 35.9721, 56.9092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4235, 37.4947, 93.6224 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(249, 107, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 107, 249)  
}
```

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(249, 107, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 107, 249) }
```

Border

The CSS property to change the border of an element to XYZ 61.4235, 37.4947, 93.6224 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(249, 107, 249) }
```


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

```
.border{ border-color:rgb(249, 107, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 107, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 107, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 107, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 107,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4235, 37.4947, 93.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 107, 249) }
```

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

```
.background{ background-color: rgb(249,  
107, 249) }
```

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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