

Converting Colors

XYZ(62.9230, 37.5354, 92.6745)

Have a look what the booklet for
XYZ(62.9230, 37.5354, 92.6745)
contains.

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Color

**XYZ(62.9346, 37.5401,
92.7359)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66F8
RGB	255, 102, 248
RGB Percent	100%, 40%, 97%
CMY	0.0000, 0.6000, 0.0274
CMYK	0.00, 0.60, 0.03, 0.00
HSL	303°, 100%, 70%
HSV	303°, 60%, 100%
XYZ	62.9346, 37.5401, 92.7359
YIQ	164.3910, 44.3220, 77.8420

Conversions

Conversions Part 2

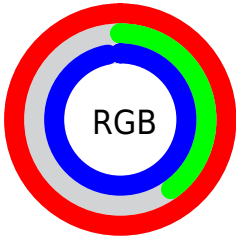
Format	Color
R _{YB}	255, 102, 248
Decimal	16738040
CIE _{Lab}	67.68, 75.11, -45.30
CIE _{LCh}	68, 87.714, 328.903
Y _{xy}	37.5401, 0.3257, 0.1943
Android (android.graphics.Color)	4294928120 (0xFFFF66F8)
YUV	164.3910, 41.2192, 79.4641
Hunter-Lab	61.2700, 76.1271, -46.8501

Details

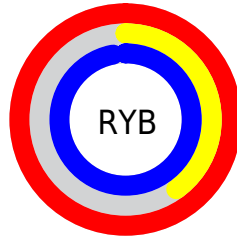
The XYZ color **62.9346, 37.5401, 92.7359** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.0010, 75.4495, 26.7141**, and the grayscale version is **35.2693, 37.1060, 40.4085**.

A 20% lighter version of the original color is **72.0349, 53.9697, 101.2283**, and **32.5107, 16.5658, 50.7742** is the 20% darker color. If you saturate the color by 10%, you get **60.6224, 33.2043, 91.0754**, and if you desaturate by 10%, it is **66.0201, 43.4202, 94.6607**.

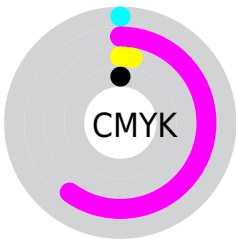
Distribution



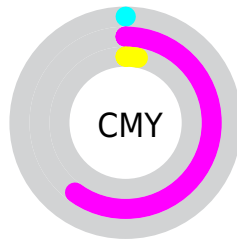
- Red (100%)
- Green (40%)
- Blue (97%)



- Red (100%)
- Yellow (40%)
- Blue (97%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9346, 37.5401, 92.7359 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 62.9346, 37.5401, 92.7359 by changing the saturation by 10% instead.


 62.9346, 37.5401,
92.7359


 62.9346, 37.5401,
92.7359


424.9955,
335.6430, 557.6891


 46.0468, 25.6259,
69.6656

 108.1575, 71.4027,
153.1015


 32.4875, 16.5440,
50.7788


 137.2233, 94.1199,
191.2338

 21.8915, 9.9099,
35.6571


 171.0790,
121.2069, 235.2238

 13.8933, 5.3393,
23.8819

 210.0902,
153.0481, 285.4902

 8.1277, 2.4477,
15.0346

254.6220,
190.0280, 342.4513

 4.2293, 0.8503,
8.6968

305.0400,

 1.8326, 0.0000,

232.5308, 406.5258

4.4499

361.7094,
280.9410, 478.1323

■ 0.5372, 0.0000,
1.8752

■ 0.0000, 0.0000,
0.4769

■ 62.9346, 37.5401,
92.7359

■ 62.9346, 37.5401,
92.7359

■ 60.6224, 33.2043,
91.0754

■ 66.0201, 43.4202,
94.6607

■ 59.0077, 30.2617,
89.6524

■ 69.9402, 50.9681,
96.8688

■ 58.0039, 28.5393,
88.4387

■ 74.7532, 60.2998,
99.3801

■ 57.4683, 27.7514,
87.3865

■ 80.5113, 71.5200,
102.2120

■ 57.4681, 27.7513,
87.3862

■ 87.2627, 84.7251,
105.3807

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.



49.7988, 37.5401, 147.0381



62.9346, 37.5401, 92.7359



68.5477, 37.5401, 42.3191

Triad

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



62.9346, 37.5401, 92.7359



36.1815, 37.5401, 2.4650



17.3994, 37.5401, 88.5317

Complementary

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



62.9346, 37.5401, 92.7359



44.0010, 75.4495, 26.7141

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.



15.4697, 37.5401, 39.4637



62.9346, 37.5401, 92.7359



24.5202, 37.5401, 4.1835

Square

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



62.9346, 37.5401, 92.7359



50.8849, 37.5401, 4.5038



17.7101, 37.5401, 13.1952



23.8540, 37.5401, 143.7118

Rectangle

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



62.9346, 37.5401, 92.7359



66.4083, 37.5401, 21.1677



17.7101, 37.5401, 13.1952



16.2851, 37.5401, 70.0955

Sweetspot

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



62.9355, 37.5416, 92.7366



81.7787, 73.9955, 102.8174



28.8784, 19.8567, 96.9184



17.1115, 15.0717, 21.8193



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.



62.9355, 37.5416, 92.7366



60.2456, 32.5083, 90.7721



53.5741, 33.7970, 43.4403



18.7547, 18.2852, 22.5911



30.0441, 14.5069, 45.7442



2.9360, 1.4168, 4.5101

Inverse Universe

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



62.9355, 37.5416, 92.7366



60.2456, 32.5083, 90.7721



49.8506, 77.7893, 57.5173



18.7547, 18.2852, 22.5911



30.0441, 14.5069, 45.7442



2.9360, 1.4168, 4.5101

Previews

White Background



This preview shows how the XYZ color 62.9346, 37.5401, 92.7359 looks on a white background.

Color Contrast Check

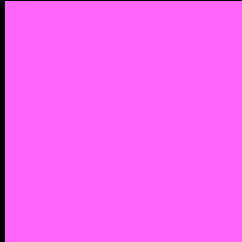
Large Text (above 18pt) WCAG AA × Fail

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 62.9346, 37.5401, 92.7359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

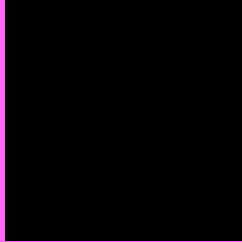
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9346, 37.5401, 92.7359

Background



This preview shows how black text looks on a background with the XYZ color 62.9346, 37.5401, 92.7359.



This preview shows how white text looks on a background with the XYZ color 62.9346, 37.5401,

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

62.9346, 37.5401, 92.7359

Protanopia

40.1763, 37.8065, 99.7876

Deuteranopia

38.8614, 37.9582, 86.1674



Tritanopia

50.0211, 37.4803, 29.7973

Trichromacy



Original Color

62.9346, 37.5401, 92.7359



Protanomaly

44.6280, 34.8984, 96.4794



Deuteranomaly

44.1423, 35.0443, 88.4421



Tritanomaly

53.4334, 36.7442, 47.4561

Monochromacy



Original Color

62.9346, 37.5401, 92.7359



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

42.4012, 34.8602, 56.1237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9346, 37.5401, 92.7359 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, 102, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 248)  
}
```

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, 102, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 248) }
```

Border

The CSS property to change the border of an element to XYZ 62.9346, 37.5401, 92.7359 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, 102, 248) }
```


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

```
.border{ border-color:rgb(255, 102, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 102, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9346, 37.5401, 92.7359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 248) }
```

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

```
.background{ background-color: rgb(255,  
102, 248) }
```

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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