

Converting Colors

XYZ(70.0363, 47.4787, 65.4871)

Have a look what the booklet for
XYZ(70.0363, 47.4787, 65.4871)
contains.

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Color

**XYZ(61.2737, 42.9136,
65.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86D1
RGB	255, 134, 209
RGB Percent	100%, 53%, 82%
CMY	0.0000, 0.4745, 0.1804
CMYK	0.00, 0.47, 0.18, 0.00
HSL	323°, 100%, 76%
HSV	323°, 47%, 100%
XYZ	61.2737, 42.9136, 65.3753
YIQ	178.7290, 48.0410, 48.9770

Conversions

Conversions Part 2

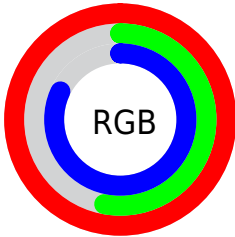
Format	Color
R_{YB}	255, 134, 209
Decimal	16746193
CIE _{Lab}	71.50, 54.79, -17.87
CIE _{LCh}	71, 57.633, 341.937
Yxy	42.9136, 0.3614, 0.2531
Android (android.graphics.Color)	4294936273 (0xFFFF86D1)
YUV	178.7290, 14.9236, 66.8897
Hunter-Lab	65.5085, 52.3211, -13.3135

Details

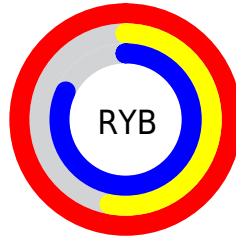
The XYZ color **61.2737, 42.9136, 65.3753** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.8314, 79.8844, 55.7651**, and the grayscale version is **42.6100, 44.8290, 48.8188**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **31.3937, 19.6608, 32.7121** is the 20% darker color. If you saturate the color by 10%, you get **57.0006, 36.2301, 58.2083**, and if you desaturate by 10%, it is **66.4715, 51.3293, 73.2119**.

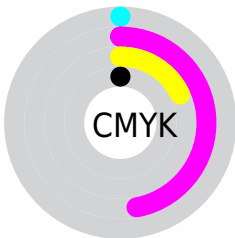
Distribution



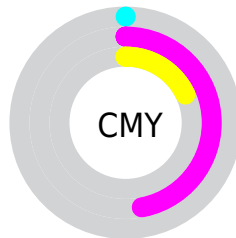
- Red (100%)
- Green (53%)
- Blue (82%)



- Red (100%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (47%)
- Yellow (18%)
- Black (0%)




- Cyan (0%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2737, 42.9136, 65.3753 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 61.2737, 42.9136, 65.3753 by changing the saturation by 10% instead.


 61.2737, 42.9136,
65.3753

 61.2737, 42.9136,
65.3753


419.0367,
358.2563, 462.4825


 44.6995, 29.8173,
47.3122

 105.7710, 79.5805,
114.2077

 31.4210, 19.7000,
32.9264


 134.4248,
103.9198, 145.8140

 21.0731, 12.1771,
21.7994

 167.8358,
132.7757, 182.7719

 13.2902, 6.8644,
13.5127

206.3694,
166.5325, 225.4998

 7.7070, 3.3775,
7.6477

250.3909,
205.5745, 274.4162

 3.9583, 1.3318,
3.7858

300.2658,

 1.6786, 0.1656,

250.2863, 329.9398

1.5086

356.3592,
301.0521, 392.4891

■ 0.4428, 0.0000,
0.2243

■ 0.0000, 0.0000,
0.0000

■ 61.2737, 42.9136,
65.3753

■ 61.2737, 42.9136,
65.3753

■ 57.0006, 36.2301,
58.2083

■ 66.4715, 51.3293,
73.2119

■ 53.5856, 31.1483,
51.6809

■ 72.6482, 61.5838,
81.7408

■ 50.9581, 27.5285,
45.7635

■ 79.8569, 73.7818,
90.9865

■ 49.0335, 25.2041,
40.4212

■ 88.1464, 88.0183,
100.9708

■ 47.7021, 23.9578, 95.0500, 100.0000,
35.6105 108.9000

■ 47.4162, 23.7305,
34.4536

Harmonies

Analogous

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



54.6048, 42.9136, 98.9570



61.2737, 42.9136, 65.3753



61.9547, 42.9136, 36.5012

Triad

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



61.2737, 42.9136, 65.3753



37.0414, 42.9136, 11.4745



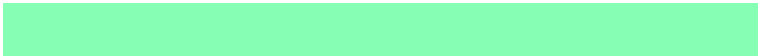
28.3994, 42.9136, 92.4317

Complementary

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



61.2737, 42.9136, 65.3753



53.8314, 79.8844, 55.7651

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.



25.0921, 42.9136, 58.7006



61.2737, 42.9136, 65.3753



29.5240, 42.9136, 17.1373

Square

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



61.2737, 42.9136, 65.3753



46.8652, 42.9136, 12.0653



25.4681, 42.9136, 32.0099



35.2605, 42.9136, 118.3711

Rectangle

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



61.2737, 42.9136, 65.3753



58.8038, 42.9136, 23.7362



25.4681, 42.9136, 32.0099



26.8883, 42.9136, 81.1653

Sweetspot

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



61.2747, 42.9155, 65.3761



82.5910, 78.4562, 94.3449



45.0213, 33.7809, 98.7552



17.3085, 16.1607, 19.7417



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.



61.2747, 42.9155, 65.3761



57.1733, 36.4945, 58.5158



55.2822, 40.5185, 33.8201



18.4828, 18.1764, 21.1594



24.8510, 12.4297, 18.3979



2.4729, 1.2315, 2.0718

Inverse Universe

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



61.2747, 42.9155, 65.3761



57.1733, 36.4945, 58.5158



61.1530, 82.8130, 94.3202



18.4828, 18.1764, 21.1594



24.8510, 12.4297, 18.3979



2.4729, 1.2315, 2.0718

Previews

White Background



This preview shows how the XYZ color 61.2737, 42.9136, 65.3753 looks on a white background.

Color Contrast Check

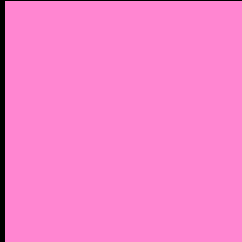
Large Text (above 18pt) WCAG AA × Fail

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 61.2737, 42.9136, 65.3753 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 61.2737, 42.9136, 65.3753

Background



This preview shows how black text looks on a background with the XYZ color 61.2737, 42.9136, 65.3753.



This preview shows how white text looks on a background with the XYZ color 61.2737, 42.9136,

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

61.2737, 42.9136, 65.3753

Protanopia

44.1343, 43.1697, 86.1272

Deuteranopia

44.1648, 43.1409, 62.4992



Tritanopia

55.1931, 42.7908, 36.8030

Trichromacy



Original Color

61.2737, 42.9136, 65.3753



Protanomaly

48.2556, 41.6798, 78.1747



Deuteranomaly

48.9784, 42.1269, 63.3075



Tritanomaly

57.0464, 42.6541, 45.7838

Monochromacy



Original Color

61.2737, 42.9136, 65.3753



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

48.1236, 43.1775, 54.5129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2737, 42.9136, 65.3753 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, 134, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 209)  
}
```

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, 134, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.2737, 42.9136, 65.3753 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, 134, 209) }
```


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

```
.border{ border-color:rgb(255, 134, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2737, 42.9136, 65.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 209) }
```

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

```
.background{ background-color: rgb(255,  
134, 209) }
```

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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