

Converting Colors

XYZ(62.4030, 41.9718, 75.6181)

Have a look what the booklet for
XYZ(62.4030, 41.9718, 75.6181)
contains.

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Color

**XYZ(62.4137, 42.0802,
75.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80E0
RGB	255, 128, 224
RGB Percent	100%, 50%, 88%
CMY	0.0000, 0.4980, 0.1216
CMYK	0.00, 0.50, 0.12, 0.00
HSL	315°, 100%, 75%
HSV	315°, 50%, 100%
XYZ	62.4137, 42.0802, 75.3537
YIQ	176.9170, 44.8760, 56.7800

Conversions

Conversions Part 2

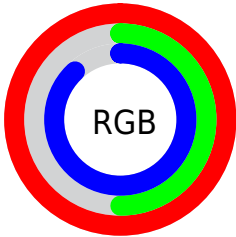
Format	Color
RYB	255, 128, 224
Decimal	16744672
CIELab	70.93, 59.91, -27.03
CIElCh	71, 65.729, 335.714
Yxy	42.0802, 0.3470, 0.2340
Android (android.graphics.Color)	4294934752 (0xFFFF80E0)
YUV	176.9170, 23.2119, 68.4788
Hunter-Lab	64.8693, 58.2219, -23.4642

Details

The XYZ color **62.4137, 42.0802, 75.3537** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.9217, 78.6132, 45.2937**, and the grayscale version is **41.6133, 43.7804, 47.6769**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **32.2437, 19.2351, 39.5494** is the 20% darker color. If you saturate the color by 10%, you get **58.6669, 35.9129, 70.0159**, and if you desaturate by 10%, it is **67.0290, 49.9346, 81.1344**.

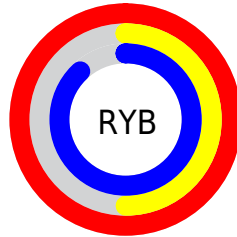
Distribution



Red (100%)

Green (50%)

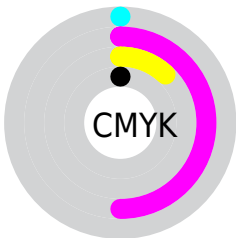
Blue (88%)



Red (100%)

Yellow (50%)

Blue (88%)

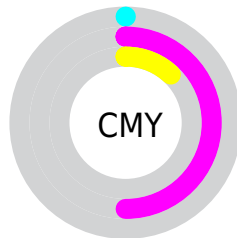


Cyan (0%)

Magenta (50%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4137, 42.0802, 75.3537 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 62.4137, 42.0802, 75.3537 by changing the saturation by 10% instead.


 62.4137, 42.0802,
75.3537


 62.4137, 42.0802,
75.3537


423.1321,
354.8153, 498.4202


 45.6239, 29.1641,
55.3992

 107.4098, 78.3210,
128.5646

 32.1525, 19.2050,
39.3207


 136.3468,
102.4145, 162.6581

 21.6341, 11.8185,
26.6995


 170.0636,
131.0025, 202.3018

 13.7034, 6.6202,
17.1173

208.9256,
164.4695, 247.9140

 7.9950, 3.2257,
10.1553

253.2981,
203.1999, 299.9134

 4.1435, 1.2507,
5.3951

303.5464,

 1.7836, 0.1025,

247.5781, 358.7186

2.4181

360.0360,
297.9884, 424.7480

■ 0.5078, 0.0000,
0.7963

■ 0.0000, 0.0000,
0.0000

■ 62.4137, 42.0802,
75.3537

■ 62.4137, 42.0802,
75.3537

■ 58.6669, 35.9129,
70.0159

■ 67.0290, 49.9346,
81.1344

■ 55.7215, 31.2996,
65.0957

■ 72.5673, 59.5853,
87.3764

■ 53.5051, 28.0958,
60.5677

■ 79.0821, 71.1385,
94.0996

■ 51.9302, 26.1274,
56.4012

■ 86.6219, 84.6908,
101.3216

■ 50.8575, 25.1158, 95.0500, 100.0000,
52.5479 108.9000

■ 50.8382, 25.0993,
52.4734

Harmonies

Analogous

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



53.5843, 42.0802, 114.2629



62.4137, 42.0802, 75.3537



64.8092, 42.0802, 40.0748

Triad

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



62.4137, 42.0802, 75.3537



37.9368, 42.0802, 8.2031



25.2240, 42.0802, 90.7850

Complementary

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



62.4137, 42.0802, 75.3537



50.9217, 78.6132, 45.2937

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.



22.4947, 42.0802, 52.0857



62.4137, 42.0802, 75.3537



28.9242, 42.0802, 12.2323

Square

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



62.4137, 42.0802, 75.3537



49.2931, 42.0802, 9.9089



23.7141, 42.0802, 25.2275



31.9482, 42.0802, 125.6590

Rectangle

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



62.4137, 42.0802, 75.3537



62.1160, 42.0802, 24.3241



23.7141, 42.0802, 25.2275



23.8708, 42.0802, 77.2660

Sweetspot

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



62.4147, 42.0820, 75.3545



82.5713, 77.3901, 97.5037



39.7996, 29.8927, 98.2799



17.3394, 15.9648, 20.5468



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.



62.4147, 42.0820, 75.3545



58.6008, 35.8065, 69.9141



55.4703, 39.3042, 38.7856



18.5920, 18.2201, 21.7345



26.6262, 13.1398, 27.7456



2.6355, 1.2966, 2.9281

Inverse Universe

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



62.4147, 42.0820, 75.3545



58.6008, 35.8065, 69.9141



57.7323, 81.3374, 81.1580



18.5920, 18.2201, 21.7345



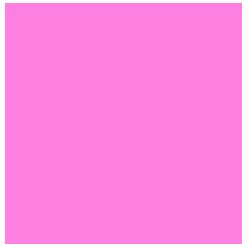
26.6262, 13.1398, 27.7456



2.6355, 1.2966, 2.9281

Previews

White Background



This preview shows how the XYZ color 62.4137, 42.0802, 75.3537 looks on a white background.

Color Contrast Check

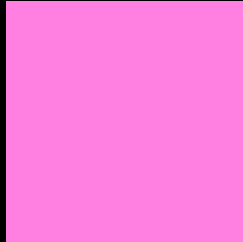
Large Text (above 18pt) WCAG AA × Fail

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 62.4137, 42.0802, 75.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

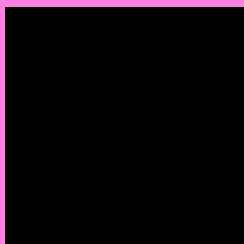
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4137, 42.0802, 75.3537

Background



This preview shows how black text looks on a background with the XYZ color 62.4137, 42.0802, 75.3537.



This preview shows how white text looks on a background with the XYZ color 62.4137, 42.0802,

75.3537.

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

62.4137, 42.0802, 75.3537

Protanopia

44.4670, 42.4568, 100.4591

Deuteranopia

43.2613, 42.1942, 71.5098



Tritanopia

54.1638, 42.0538, 35.8343

Trichromacy



Original Color

62.4137, 42.0802, 75.3537



Protanomaly

48.3002, 40.4134, 90.8428



Deuteranomaly

48.4590, 40.8894, 73.0485



Tritanomaly

56.6495, 41.7556, 47.7217

Monochromacy



Original Color

62.4137, 42.0802, 75.3537



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

47.3126, 41.6705, 56.5885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4137, 42.0802, 75.3537 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, 128, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 224)  
}
```

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, 128, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.4137, 42.0802, 75.3537 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, 128, 224) }
```


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

```
.border{ border-color:rgb(255, 128, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4137, 42.0802, 75.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 224) }
```

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

```
.background{ background-color: rgb(255,  
128, 224) }
```

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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