

Converting Colors

XYZ(61.4153, 41.2682, 71.3681)

Have a look what the booklet for
XYZ(61.4153, 41.2682, 71.3681)
contains.

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Color

**XYZ(61.3557, 41.2437,
71.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7EDA
RGB	255, 126, 218
RGB Percent	100%, 49%, 85%
CMY	0.0000, 0.5059, 0.1451
CMYK	0.00, 0.51, 0.15, 0.00
HSL	317°, 100%, 75%
HSV	317°, 51%, 100%
XYZ	61.3557, 41.2437, 71.0567
YIQ	175.0590, 47.3520, 55.9600

Conversions

Conversions Part 2

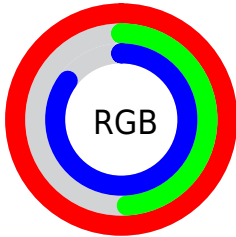
Format	Color
RYB	255, 126, 218
Decimal	16744154
CIELab	70.35, 59.94, -24.61
CIELCh	70, 64.796, 337.683
Yxy	41.2437, 0.3533, 0.2375
Android (android.graphics.Color)	4294934234 (0xFFFF7EDA)
YUV	175.0590, 21.1699, 70.1083
Hunter-Lab	64.2213, 58.1481, -20.6457

Details

The XYZ color **61.3557, 41.2437, 71.0567** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.9767, 78.6007, 47.1381**, and the grayscale version is **40.6562, 42.7735, 46.5803**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **31.5660, 18.7604, 36.6077** is the 20% darker color. If you saturate the color by 10%, you get **57.5646, 35.1594, 65.1746**, and if you desaturate by 10%, it is **66.0220, 49.0103, 77.4398**.

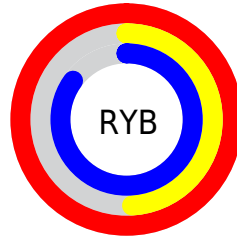
Distribution



Red (100%)

Green (49%)

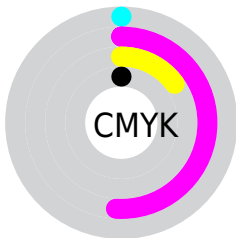
Blue (85%)



Red (100%)

Yellow (49%)

Blue (85%)

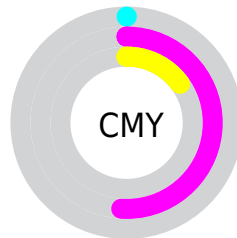


Cyan (0%)

Magenta (51%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3557, 41.2437, 71.0567 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 61.3557, 41.2437, 71.0567 by changing the saturation by 10% instead.


 61.3557, 41.2437,
71.0567


 61.3557, 41.2437,
71.0567


419.3321,
351.3381, 483.1406


 44.7659, 28.5096,
51.9064


 105.8890, 77.0537,
122.4097

 31.4736, 18.7101,
36.5487

 134.5632,
100.8983, 155.4494

 21.1133, 11.4610,
24.5652


 167.9963,
129.2153, 193.9559

 13.3198, 6.3778,
15.5374

206.5536,
162.3889, 238.3479

 7.7276, 3.0762,
9.0466

250.6005,
200.8036, 289.0438

 3.9715, 1.1716,
4.6744

300.5023,

 1.6860, 0.0383,

244.8438, 346.4622

2.0021

356.6244,
294.8938, 411.0216

■ 0.4475, 0.0000,
0.5566

■ 0.0000, 0.0000,
0.0000

■ 61.3557, 41.2437,
71.0567

■ 61.3557, 41.2437,
71.0567

■ 57.5646, 35.1594,
65.1746

■ 66.0220, 49.0103,
77.4398

■ 54.5805, 30.6227,
59.7669

■ 71.6186, 58.5691,
84.3436

■ 52.3301, 27.4875,
54.8067

■ 78.1995, 70.0274,
91.7891

■ 50.7243, 25.5766,
50.2618

■ 85.8137, 83.4821,
99.7950

■ 49.6688, 24.6315,
46.3155

94.5067, 99.0237,
108.3792

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.



53.0957, 41.2437, 109.1327



61.3557, 41.2437, 71.0567



63.1934, 41.2437, 37.5158

Triad

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



61.3557, 41.2437, 71.0567



36.5270, 41.2437, 8.2583



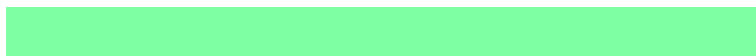
25.1274, 41.2437, 91.1333

Complementary

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



61.3557, 41.2437, 71.0567



50.9767, 78.6007, 47.1381

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.



22.2099, 41.2437, 53.2112



61.3557, 41.2437, 71.0567



27.9700, 41.2437, 12.6511

Square

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



61.3557, 41.2437, 71.0567



47.5010, 41.2437, 9.5726



23.1471, 41.2437, 26.1183



31.9288, 41.2437, 123.9239

Rectangle

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



61.3557, 41.2437, 71.0567



60.2703, 41.2437, 22.8033



23.1471, 41.2437, 26.1183



23.7218, 41.2437, 78.0278

Sweetspot

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



61.3568, 41.2455, 71.0575



82.3220, 77.2903, 96.1905



40.5251, 29.8832, 98.2399



17.2790, 15.9407, 20.2287



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.



61.3568, 41.2455, 71.0575



57.4253, 34.9415, 64.9412



54.5308, 38.5152, 35.1125



18.5575, 18.2063, 21.5528



26.0207, 12.8976, 24.5574



2.5808, 1.2747, 2.6398

Inverse Universe

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



61.3568, 41.2455, 71.0575



57.4253, 34.9415, 64.9412



58.2375, 81.5051, 85.3730



18.5575, 18.2063, 21.5528



26.0207, 12.8976, 24.5574



2.5808, 1.2747, 2.6398

Previews

White Background



This preview shows how the XYZ color 61.3557, 41.2437, 71.0567 looks on a white background.

Color Contrast Check

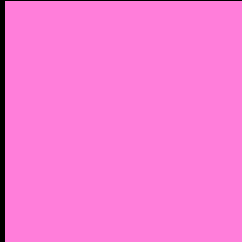
Large Text (above 18pt) WCAG AA × Fail

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 61.3557, 41.2437, 71.0567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

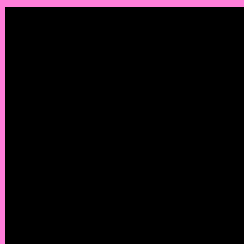
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3557, 41.2437, 71.0567

Background



This preview shows how black text looks on a background with the XYZ color 61.3557, 41.2437, 71.0567.



This preview shows how white text looks on a background with the XYZ color 61.3557, 41.2437,

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

61.3557, 41.2437, 71.0567

Protanopia

43.6414, 41.8255, 97.0398

Deuteranopia

42.5234, 41.6251, 67.4212



Tritanopia

53.8222, 41.2406, 34.4016

Trichromacy



Original Color

61.3557, 41.2437, 71.0567



Protanomaly

47.3853, 39.7823, 86.8426



Deuteranomaly

47.6162, 40.0550, 68.8401



Tritanomaly

56.3257, 41.2127, 45.5436

Monochromacy



Original Color

61.3557, 41.2437, 71.0567



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

46.3628, 40.7129, 54.7050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3557, 41.2437, 71.0567 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, 126, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 218)  
}
```

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, 126, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.3557, 41.2437, 71.0567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

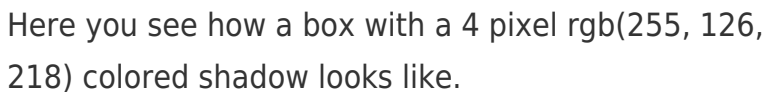
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 126, 218) }
```


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

```
.border{ border-color:rgb(255, 126, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 126, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 126, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 126, 218); box-shadow:4px 4px 4px 4px rgb(255, 126, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3557, 41.2437, 71.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 218) }
```

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

```
.background{ background-color: rgb(255,  
126, 218) }
```

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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