

Converting Colors

XYZ(75.5016, 49.2776, 67.8174)

Have a look what the booklet for
XYZ(75.5016, 49.2776, 67.8174)
contains.

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Color

**XYZ(60.9739, 41.7140,
67.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81D4
RGB	255, 129, 212
RGB Percent	100%, 51%, 83%
CMY	0.0000, 0.4941, 0.1686
CMYK	0.00, 0.49, 0.17, 0.00
HSL	320°, 100%, 75%
HSV	320°, 49%, 100%
XYZ	60.9739, 41.7140, 67.1253
YIQ	176.1360, 48.4530, 52.5250

Conversions

Conversions Part 2

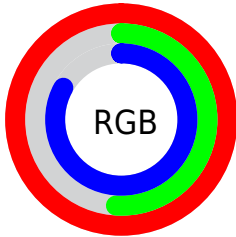
Format	Color
R _Y B	255, 129, 212
Decimal	16744916
CIE Lab	70.67, 57.63, -20.78
CIE LCh	71, 61.267, 340.172
Yxy	41.7140, 0.3591, 0.2456
Android (android.graphics.Color)	4294934996 (0xFFFF81D4)
YUV	176.1360, 17.6810, 69.1637
Hunter-Lab	64.5864, 55.4899, -16.4103

Details

The XYZ color **60.9739, 41.7140, 67.1253** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.2613, 79.1665, 51.5591**, and the grayscale version is **41.2320, 43.3793, 47.2401**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **31.2995, 19.0676, 33.9290** is the 20% darker color. If you saturate the color by 10%, you get **56.9559, 35.3877, 60.5149**, and if you desaturate by 10%, it is **65.8911, 49.7436, 74.3283**.

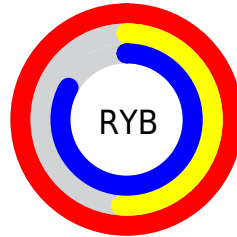
Distribution



Red (100%)

Green (51%)

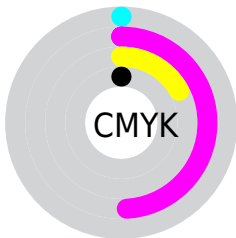
Blue (83%)



Red (100%)

Yellow (51%)

Blue (83%)

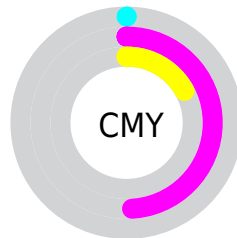


Cyan (0%)

Magenta (49%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9739, 41.7140, 67.1253 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 60.9739, 41.7140, 67.1253 by changing the saturation by 10% instead.


 60.9739, 41.7140,
67.1253


 60.9739, 41.7140,
67.1253


417.9557,
353.2960, 468.9043


 44.4566, 28.8774,
48.7242


 105.3395, 77.7666,
116.7423

 31.2291, 18.9881,
34.0367


 133.9184,
101.7514, 148.7953

 20.9260, 11.6617,
22.6442


 167.2486,
130.2210, 186.2360

 13.1821, 6.5138,
14.1282

205.6954,
163.5599, 229.4830

 7.6319, 3.1599,
8.0701

249.6242,
202.1525, 278.9547

 3.9101, 1.2158,
4.0514

299.4002,

 1.6514, 0.0745,

246.3831, 335.0699

1.6536

355.3890,
296.6361, 398.2469

■ 0.4256, 0.0000,
0.3286

■ 0.0000, 0.0000,
0.0000

■ 60.9739, 41.7140,
67.1253

■ 60.9739, 41.7140,
67.1253

■ 56.9559, 35.3877,
60.5149

■ 65.8911, 49.7436,
74.3283

■ 53.7695, 30.6316,
54.4687

■ 71.7623, 59.5852,
82.1453

■ 51.3423, 27.3021,
48.9584

■ 78.6414, 71.3451,
90.5990

■ 49.5869, 25.2261,
43.9499

■ 86.5773, 85.1195,
99.7099

■ 48.3697, 24.1381,
39.3940

95.0500, 100.0000,
108.9000

■ 48.3054, 24.0861,
39.1357

Harmonies

Analogous

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



53.6091, 41.7140, 102.8741



60.9739, 41.7140, 67.1253



62.1131, 41.7140, 36.2506

Triad

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



60.9739, 41.7140, 67.1253



36.3018, 41.7140, 9.6380



26.5329, 41.7140, 91.8275

Complementary

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



60.9739, 41.7140, 67.1253



52.2613, 79.1665, 51.5591

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.



23.3809, 41.7140, 56.0170



60.9739, 41.7140, 67.1253



28.3491, 41.7140, 14.7094

Square

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



60.9739, 41.7140, 67.1253



46.6391, 41.7140, 10.5300



23.9835, 41.7140, 28.9838



33.3928, 41.7140, 120.8451

Rectangle

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



60.9739, 41.7140, 67.1253



59.0150, 41.7140, 22.7304



23.9835, 41.7140, 28.9838



25.0624, 41.7140, 79.6795

Sweetspot

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



60.9749, 41.7159, 67.1261



82.0074, 77.1645, 94.5338



42.6968, 31.5808, 98.4531



17.2029, 15.9102, 19.8280



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.



60.9749, 41.7159, 67.1261



57.1035, 35.6148, 60.7741



54.5967, 39.1646, 33.5386



18.5138, 18.1888, 21.3227



25.3134, 12.6146, 20.8325



2.5159, 1.2487, 2.2983

Inverse Universe

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



60.9749, 41.7159, 67.1261



57.1035, 35.6148, 60.7741



59.6658, 82.1283, 90.5504



18.5138, 18.1888, 21.3227



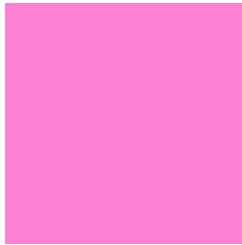
25.3134, 12.6146, 20.8325



2.5159, 1.2487, 2.2983

Previews

White Background



This preview shows how the XYZ color 60.9739, 41.7140, 67.1253 looks on a white background.

Color Contrast Check

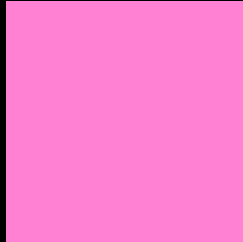
Large Text (above 18pt) WCAG AA × Fail

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 60.9739, 41.7140, 67.1253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

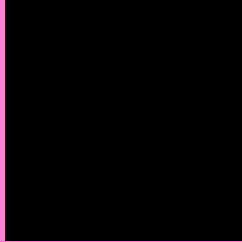
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9739, 41.7140, 67.1253

Background



This preview shows how black text looks on a background with the XYZ color 60.9739, 41.7140, 67.1253.



This preview shows how white text looks on a background with the XYZ color 60.9739, 41.7140,

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

60.9739, 41.7140, 67.1253

Protanopia

43.3524, 42.1159, 89.8487

Deuteranopia

42.8866, 41.8977, 63.5843



Tritanopia

54.4074, 41.7527, 34.8973

Trichromacy



Original Color

60.9739, 41.7140, 67.1253



Protanomaly

47.2985, 40.3653, 80.8997



Deuteranomaly

47.8426, 40.5026, 64.9707



Tritanomaly

56.3693, 41.4565, 45.0753

Monochromacy



Original Color

60.9739, 41.7140, 67.1253



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.7603, 41.4495, 53.6801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9739, 41.7140, 67.1253 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, 129, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 212)  
}
```

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, 129, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.9739, 41.7140, 67.1253 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, 129, 212) }
```


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

```
.border{ border-color:rgb(255, 129, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9739, 41.7140, 67.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 212) }
```

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

```
.background{ background-color: rgb(255,  
129, 212) }
```

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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