

Converting Colors

XYZ(60.3293, 40.0287, 68.1462)

Have a look what the booklet for
XYZ(60.3293, 40.0287, 68.1462)
contains.

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Color

**XYZ(60.3371, 40.0341,
68.1656)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7AD6
RGB	255, 122, 214
RGB Percent	100%, 48%, 84%
CMY	0.0000, 0.5215, 0.1608
CMYK	0.00, 0.52, 0.16, 0.00
HSL	318°, 100%, 74%
HSV	318°, 52%, 100%
XYZ	60.3371, 40.0341, 68.1656
YIQ	172.2550, 49.7360, 56.8080

Conversions

Conversions Part 2

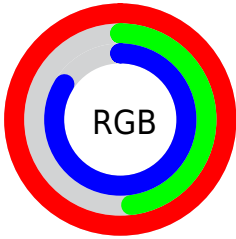
Format	Color
R _Y B	255, 122, 214
Decimal	16743126
CIE Lab	69.49, 61.21, -23.69
CIE LCh	69, 65.636, 338.843
Yxy	40.0341, 0.3580, 0.2375
Android (android.graphics.Color)	4294933206 (0xFFFF7AD6)
YUV	172.2550, 20.5803, 72.5674
Hunter-Lab	63.2725, 59.4920, -19.5844

Details

The XYZ color **60.3371, 40.0341, 68.1656** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.3985, 78.3027, 47.1110**, and the grayscale version is **39.2245, 41.2672, 44.9400**.

A 20% lighter version of the original color is **75.4101, 60.7202, 102.3534**, and **30.9133, 18.0196, 34.6497** is the 20% darker color. If you saturate the color by 10%, you get **56.6268, 34.1816, 62.0946**, and if you desaturate by 10%, it is **64.9191, 47.5520, 74.7671**.

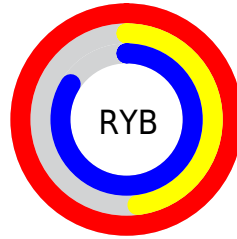
Distribution



Red (100%)

Green (48%)

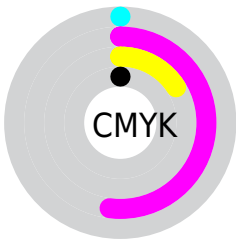
Blue (84%)



Red (100%)

Yellow (48%)

Blue (84%)

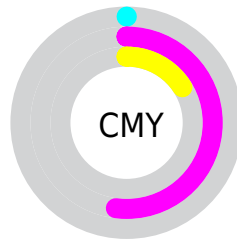


Cyan (0%)

Magenta (52%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (52%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3371, 40.0341, 68.1656 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 60.3371, 40.0341, 68.1656 by changing the saturation by 10% instead.


 60.3371, 40.0341,
68.1656


 60.3371, 40.0341,
68.1656


415.6541,
346.2673, 472.6965


 43.9409, 27.5651,
49.5649


 104.4221, 75.2154,
118.2455

 30.8218, 17.9981,
34.6991


 132.8416, 98.6966,
150.5618

 20.6143, 10.9486,
23.1495


 165.9996,
126.6173, 188.2870

 12.9532, 6.0323,
14.4976

204.2614,
159.3619, 231.8397

 7.4731, 2.8647,
8.3249

247.9924,
197.3148, 281.6385

 3.8087, 1.0615,
4.2128

297.5579,

 1.5945, 0.0000,

240.8604, 338.1019

1.7428

353.3234,
290.3831, 401.6484

■ 0.3888, 0.0000,
0.3898

■ 0.0000, 0.0000,
0.0000

■ 60.3371, 40.0341,
68.1656

■ 60.3371, 40.0341,
68.1656

■ 56.6268, 34.1816,
62.0946

■ 64.9191, 47.5520,
74.7671

■ 53.7189, 29.8575,
56.5264

■ 70.4290, 56.8475,
81.9199

■ 51.5378, 26.9117,
51.4328

■ 76.9218, 68.0290,
89.6458

■ 49.9914, 25.1610,
46.7796

■ 84.4471, 81.1949,
97.9645

■ 49.1150, 24.4100,
43.3989

■ 93.0512, 96.4367,
106.8946

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.



52.2810, 40.0341, 106.4916



60.3371, 40.0341, 68.1656



61.8851, 40.0341, 35.2375

Triad

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



60.3371, 40.0341, 68.1656



35.0104, 40.0341, 7.6556



24.3104, 40.0341, 91.2607

Complementary

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



60.3371, 40.0341, 68.1656



50.3985, 78.3027, 47.1110

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.



21.2890, 40.0341, 53.1687



60.3371, 40.0341, 68.1656



26.6705, 40.0341, 12.1477

Square

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



60.3371, 40.0341, 68.1656



45.8715, 40.0341, 8.7148



22.0647, 40.0341, 25.7704



31.1744, 40.0341, 123.5684

Rectangle

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



60.3371, 40.0341, 68.1656



58.7843, 40.0341, 21.1016



22.0647, 40.0341, 25.7704



22.8754, 40.0341, 78.1475

Sweetspot

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



60.3381, 40.0359, 68.1664



81.4277, 75.8906, 94.6938



39.8914, 28.8122, 98.0666



17.0968, 15.6626, 19.9015



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.



60.3381, 40.0359, 68.1664



56.3507, 33.7585, 61.6045



53.5938, 37.3382, 32.6513



18.5402, 18.1994, 21.4620



25.7336, 12.7827, 23.0454



2.5546, 1.2642, 2.5018

Inverse Universe

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



60.3381, 40.0359, 68.1664



56.3507, 33.7585, 61.6045



57.8464, 81.2819, 86.3314



18.5402, 18.1994, 21.4620



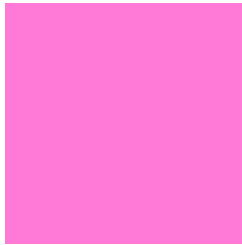
25.7336, 12.7827, 23.0454



2.5546, 1.2642, 2.5018

Previews

White Background



This preview shows how the XYZ color 60.3371, 40.0341, 68.1656 looks on a white background.

Color Contrast Check

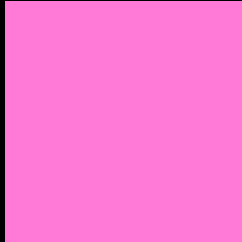
Large Text (above 18pt) WCAG AA × Fail

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 60.3371, 40.0341, 68.1656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

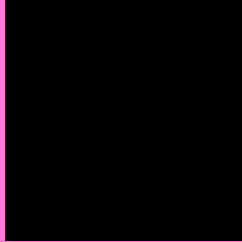
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3371, 40.0341, 68.1656

Background



This preview shows how black text looks on a background with the XYZ color 60.3371, 40.0341, 68.1656.



This preview shows how white text looks on a background with the XYZ color 60.3371, 40.0341,

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

60.3371, 40.0341, 68.1656

Protanopia

42.2636, 40.3440, 94.3666

Deuteranopia

41.0472, 40.1023, 64.6086



Tritanopia

52.9235, 39.9544, 32.5264

Trichromacy



Original Color

60.3371, 40.0341, 68.1656



Protanomaly

45.9741, 38.3797, 84.3418



Deuteranomaly

46.3586, 38.7452, 66.0080



Tritanomaly

55.3856, 39.9520, 43.3204

Monochromacy



Original Color

60.3371, 40.0341, 68.1656



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

44.8824, 39.2556, 52.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3371, 40.0341, 68.1656 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, 122, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 214)  
}
```

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, 122, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 214) }
```

Border

The CSS property to change the border of an element to XYZ 60.3371, 40.0341, 68.1656 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, 122, 214) }
```


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

```
.border{ border-color:rgb(255, 122, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3371, 40.0341, 68.1656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 214) }
```

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

```
.background{ background-color: rgb(255,  
122, 214) }
```

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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