

Converting Colors

XYZ(86.0878, 53.5153, 73.9817)

Have a look what the booklet for
XYZ(86.0878, 53.5153, 73.9817)
contains.

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Color

**XYZ(61.4988, 40.8958,
73.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CDD
RGB	255, 124, 221
RGB Percent	100%, 49%, 87%
CMY	0.0000, 0.5137, 0.1333
CMYK	0.00, 0.51, 0.13, 0.00
HSL	316°, 100%, 74%
HSV	316°, 51%, 100%
XYZ	61.4988, 40.8958, 73.0589
YIQ	174.2270, 46.9390, 57.9390

Conversions

Conversions Part 2

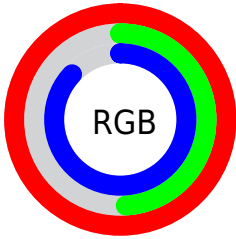
Format	Color
RYB	255, 124, 221
Decimal	16743645
CIELab	70.10, 61.33, -26.64
CIElCh	70, 66.863, 336.521
Yxy	40.8958, 0.3505, 0.2331
Android (android.graphics.Color)	4294933725 (0xFFFF7CDD)
YUV	174.2270, 23.0591, 70.8379
Hunter-Lab	63.9498, 59.7464, -22.9704

Details

The XYZ color **61.4988, 40.8958, 73.0589** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.2453, 78.2745, 44.8109**, and the grayscale version is **40.2184, 42.3128, 46.0787**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **31.7150, 18.6232, 37.9995** is the 20% darker color. If you saturate the color by 10%, you get **57.8417, 34.9651, 67.5748**, and if you desaturate by 10%, it is **66.0186, 48.4960, 79.0030**.

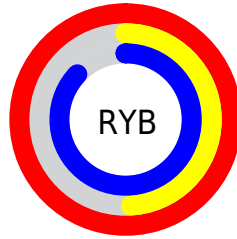
Distribution



Red (100%)

Green (49%)

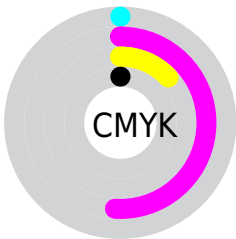
Blue (87%)



Red (100%)

Yellow (49%)

Blue (87%)

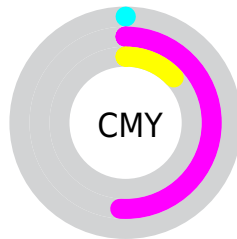


Cyan (0%)

Magenta (51%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4988, 40.8958, 73.0589 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 61.4988, 40.8958, 73.0589 by changing the saturation by 10% instead.

 61.4988, 40.8958,
73.0589

 61.4988, 40.8958,
73.0589


419.8473,
349.8849, 490.2952


 44.8819, 28.2377,
53.5320


 106.0949, 76.5257,
125.2825

 31.5653, 18.5049,
37.8370


 134.8047,
100.2662, 158.8163

 21.1836, 11.3131,
25.5554


 168.2763,
128.4697, 197.8562

 13.3715, 6.2778,
16.2685

206.8750,
161.5205, 242.8206

 7.7636, 3.0147,
9.5580

250.9660,
199.8031, 294.1282

 3.9946, 1.1394,
5.0051

300.9149,

 1.6991, 0.0114,

243.7017, 352.1975

2.1915

357.0868,
293.6009, 417.4469

■ 0.4557, 0.0000,
0.6694

■ 0.0000, 0.0000,
0.0000

■ 61.4988, 40.8958,
73.0589

■ 61.4988, 40.8958,
73.0589

■ 57.8417, 34.9651,
67.5748

■ 66.0186, 48.4960,
79.0030

■ 54.9791, 30.5685,
62.5247

■ 71.4568, 57.8769,
85.4263

■ 52.8366, 27.5577,
57.8822

■ 77.8676, 69.1461,
92.3491

■ 51.3239, 25.7528,
53.6152

■ 85.3002, 82.4013,
99.7896

■ 50.4052, 24.9261,
50.1932

■ 93.8002, 97.7333,
107.7650

■ 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.



52.7611, 40.8958, 112.4943



61.4988, 40.8958, 73.0589



63.7018, 40.8958, 38.0393

Triad

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



61.4988, 40.8958, 73.0589



36.5329, 40.8958, 7.5106



24.3134, 40.8958, 90.7896

Complementary

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



61.4988, 40.8958, 73.0589



50.2453, 78.2745, 44.8109

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.



21.5108, 40.8958, 51.7168



61.4988, 40.8958, 73.0589



27.6603, 40.8958, 11.5661

Square

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



61.4988, 40.8958, 73.0589



47.8555, 40.8958, 9.0015



22.6098, 40.8958, 24.6014



31.0865, 40.8958, 125.6506

Rectangle

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



61.4988, 40.8958, 73.0589



60.8611, 40.8958, 22.7036



22.6098, 40.8958, 24.6014



22.9398, 40.8958, 77.1597

Sweetspot

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



61.4998, 40.8976, 73.0597



82.4809, 77.3539, 97.0276



39.1155, 28.7806, 98.1013



17.3175, 15.9561, 20.4314



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.



61.4998, 40.8976, 73.0597



57.6386, 34.6442, 67.2440



54.5135, 38.1030, 36.2703



18.5795, 18.2151, 21.6687



26.4021, 13.0501, 26.5657



2.6153, 1.2885, 2.8218

Inverse Universe

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



61.4998, 40.8976, 73.0597



57.6386, 34.6442, 67.2440



57.2918, 81.0930, 81.9172



18.5795, 18.2151, 21.6687



26.4021, 13.0501, 26.5657



2.6153, 1.2885, 2.8218

Previews

White Background



This preview shows how the XYZ color 61.4988, 40.8958, 73.0589 looks on a white background.

Color Contrast Check

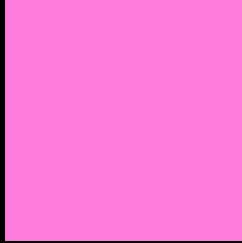
Large Text (above 18pt) WCAG AA × Fail

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 61.4988, 40.8958, 73.0589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

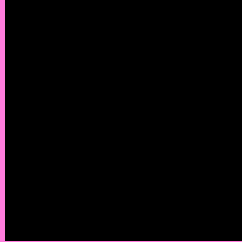
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4988, 40.8958, 73.0589

Background



This preview shows how black text looks on a background with the XYZ color 61.4988, 40.8958, 73.0589.



This preview shows how white text looks on a background with the XYZ color 61.4988, 40.8958,

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

61.4988, 40.8958, 73.0589

Protanopia

43.5657, 41.4356, 100.3094

Deuteranopia

42.0766, 41.0758, 69.3291



Tritanopia

53.2409, 40.7323, 33.9102

Trichromacy



Original Color

61.4988, 40.8958, 73.0589



Protanomaly

47.3361, 39.4439, 89.9126



Deuteranomaly

47.3058, 39.6083, 70.7975



Tritanomaly

55.7859, 40.5088, 45.9530

Monochromacy



Original Color

61.4988, 40.8958, 73.0589



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

45.9210, 40.2350, 54.6361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4988, 40.8958, 73.0589 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, 124, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 221)  
}
```

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, 124, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.4988, 40.8958, 73.0589 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, 124, 221) }
```


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

```
.border{ border-color:rgb(255, 124, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4988, 40.8958, 73.0589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 221) }
```

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

```
.background{ background-color: rgb(255,  
124, 221) }
```

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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