

Converting Colors

XYZ(73.5331, 60.6317, 90.4273)

Have a look what the booklet for
XYZ(73.5331, 60.6317, 90.4273)
contains.

XYZ(73.4921, 60.5990, 90.2614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.4921, 60.5990,
90.2614)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F0
RGB	255, 181, 240
RGB Percent	100%, 71%, 94%
CMY	0.0000, 0.2902, 0.0588
CMYK	0.00, 0.29, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 29%, 100%
XYZ	73.4921, 60.5990, 90.2614
YIQ	209.8520, 25.1650, 34.0370

Conversions

Conversions Part 2

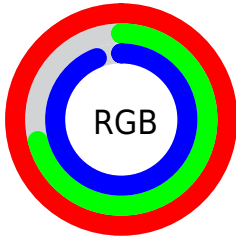
Format	Color
R _Y B	255, 181, 240
Decimal	16758256
CIE Lab	82.16, 35.81, -18.63
CIE LCh	82, 40.363, 332.508
Yxy	60.5990, 0.3276, 0.2701
Android (android.graphics.Color)	4294948336 (0xFFFFB5F0)
YUV	209.8520, 14.8630, 39.5948
Hunter-Lab	77.8454, 32.2886, -14.2548

Details

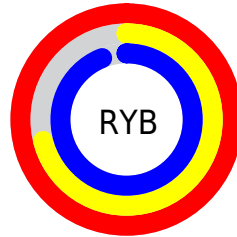
The XYZ color **73.4921, 60.5990, 90.2614** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.7817, 85.3302, 65.2833**, and the grayscale version is **61.0568, 64.2366, 69.9536**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **39.2671, 30.5098, 49.1668** is the 20% darker color. If you saturate the color by 10%, you get **68.0168, 50.8598, 84.7022**, and if you desaturate by 10%, it is **79.9407, 72.2495, 96.2546**.

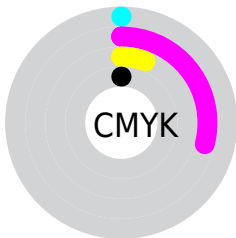
Distribution



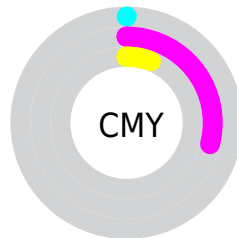
- Red (100%)
- Green (71%)
- Blue (94%)



- Red (100%)
- Yellow (71%)
- Blue (94%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4921, 60.5990, 90.2614 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 73.4921, 60.5990, 90.2614 by changing the saturation by 10% instead.


 73.4921, 60.5990,
90.2614

 73.4921, 60.5990,
90.2614


461.7960,
426.8022, 549.4728

 54.6682, 43.9016,
67.6225


 123.1749,
105.6981, 149.6401

 39.3690, 30.5932,
49.1259

154.7646,
134.8686, 187.2171

 27.2289, 20.2893,
34.3531


191.3403,
168.9657, 230.6104

 17.8827, 12.6055,
22.8854

233.2673,
208.3736, 280.2388

 10.9650, 7.1575,
14.3044

280.9111,
253.4768, 336.5207

 6.1104, 3.5608,
8.1915


334.6368,


 2.9536, 1.4310,


304.6597, 399.8746


4.1282


394.8100,
362.3067, 470.7192

 1.1293, 0.2394,
1.6960


 0.0494, 0.0000,
0.3580


 73.4921, 60.5990,
90.2614


 73.4921, 60.5990,
90.2614

 68.0168, 50.8598,
84.7022


 79.9407, 72.2495,
96.2546

 63.4591, 42.9211,
79.5551

 87.4068, 85.8999,
102.6949

 59.7631, 36.6714,
74.8014

95.0500, 100.0000,
108.9000

 56.8655, 31.9844,
70.4191

■ 54.6939, 28.7156,
66.3831

■ 53.1625, 26.6936,
62.6639

■ 52.1445, 25.6653,
59.2183

■ 52.0566, 25.5866,
58.8892

Harmonies

Analogous

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



66.9181, 60.5990, 114.3368



73.4921, 60.5990, 90.2614



75.6847, 60.5990, 63.9375

Triad

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



73.4921, 60.5990, 90.2614



56.8792, 60.5990, 29.1638



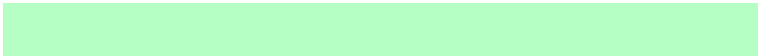
44.7849, 60.5990, 94.7432

Complementary

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



73.4921, 60.5990, 90.2614



64.7817, 85.3302, 65.2833

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.



42.6493, 60.5990, 68.0696



73.4921, 60.5990, 90.2614



49.1853, 60.5990, 33.6409

Square

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



73.4921, 60.5990, 90.2614



65.5467, 60.5990, 32.3396



44.1777, 60.5990, 46.5009



50.3185, 60.5990, 117.3433

Rectangle

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



73.4921, 60.5990, 90.2614



74.2070, 60.5990, 49.5098



44.1777, 60.5990, 46.5009



43.6721, 60.5990, 85.7541

Sweetspot

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



73.4934, 60.6014, 90.2626



87.4206, 85.9254, 102.7065



57.2892, 51.9796, 101.6214



18.4651, 17.9390, 21.7767



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.



73.4934, 60.6014, 90.2626



70.1035, 54.5507, 86.8853



68.5689, 58.6316, 64.3305



18.6256, 18.2336, 21.9115



27.2559, 13.3917, 31.0619



2.6919, 1.3191, 3.2248

Inverse Universe

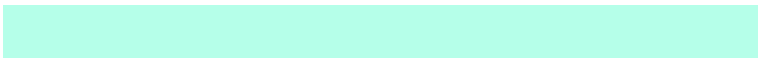
The Inverse Universe completely reimagines the original color for something new.



73.4934, 60.6014, 90.2626



70.1035, 54.5507, 86.8853



69.4971, 87.2163, 90.1139



18.6256, 18.2336, 21.9115



27.2559, 13.3917, 31.0619



2.6919, 1.3191, 3.2248

Previews

White Background



This preview shows how the XYZ color 73.4921, 60.5990, 90.2614 looks on a white background.

Color Contrast Check

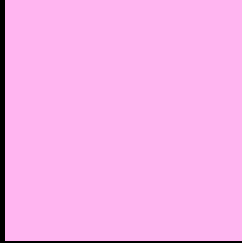
Large Text (above 18pt) WCAG AA × Fail

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 73.4921, 60.5990, 90.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

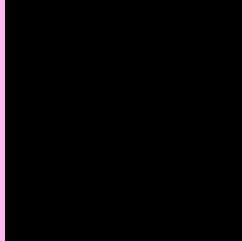
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4921, 60.5990, 90.2614

Background



This preview shows how black text looks on a background with the XYZ color 73.4921, 60.5990, 90.2614.



This preview shows how white text looks on a background with the XYZ color 73.4921, 60.5990,

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

73.4921, 60.5990, 90.2614

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.2348, 60.9783, 88.6106



Tritanopia

68.0682, 60.5547, 63.9778

Trichromacy



Original Color

73.4921, 60.5990, 90.2614



Protanomaly

64.7948, 60.3794, 98.6818



Deuteranomaly

65.8666, 60.4817, 89.0915



Tritanomaly

69.8885, 60.3512, 72.9312

Monochromacy



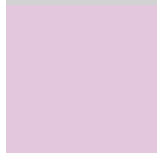
Original Color

73.4921, 60.5990, 90.2614



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.8386, 62.2361, 77.0020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4921, 60.5990, 90.2614 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, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 240)  
}
```

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, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.4921, 60.5990, 90.2614 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, 181, 240) }
```


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

```
.border{ border-color:rgb(255, 181, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 181, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4921, 60.5990, 90.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 240) }
```

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

```
.background{ background-color: rgb(255,  
181, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor