

Converting Colors

XYZ(146.6043, 100.0000,
94.1938)

Have a look what the booklet for
XYZ(146.6043, 100.0000, 94.1938)
contains.

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Color

**XYZ(74.7385, 63.0919,
90.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBF0
RGB	255, 187, 240
RGB Percent	100%, 73%, 94%
CMY	0.0000, 0.2666, 0.0588
CMYK	0.00, 0.27, 0.06, 0.00
HSL	313°, 100%, 87%
HSV	313°, 27%, 100%
XYZ	74.7385, 63.0919, 90.6769
YIQ	213.3740, 23.5150, 30.8990

Conversions

Conversions Part 2

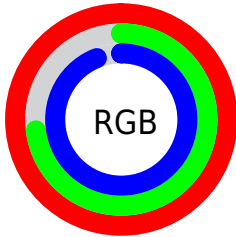
Format	Color
R _Y B	255, 187, 240
Decimal	16759792
CIE Lab	83.49, 32.66, -16.63
CIE LCh	83, 36.651, 333.015
Yxy	63.0919, 0.3271, 0.2761
Android (android.graphics.Color)	4294949872 (0xFFFFBBF0)
YUV	213.3740, 13.1266, 36.5060
Hunter-Lab	79.4304, 28.9529, -12.0835

Details

The XYZ color **74.7385, 63.0919, 90.6769** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9162, 86.3500, 69.0204**, and the grayscale version is **63.4013, 66.7031, 72.6397**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **40.0652, 32.1061, 49.4328** is the 20% darker color. If you saturate the color by 10%, you get **68.9788, 52.8890, 84.6985**, and if you desaturate by 10%, it is **81.4873, 75.2311, 97.1145**.

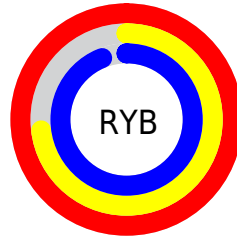
Distribution



Red (100%)

Green (73%)

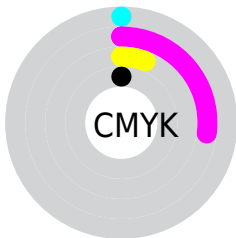
Blue (94%)



Red (100%)

Yellow (73%)

Blue (94%)

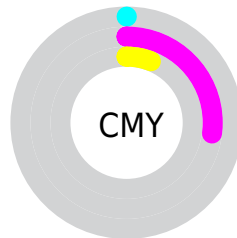


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7385, 63.0919, 90.6769 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 74.7385, 63.0919, 90.6769 by changing the saturation by 10% instead.


 74.7385, 63.0919,
90.6769

 74.7385, 63.0919,
90.6769


466.0293,
435.9029, 550.8571

 55.6921, 45.9156,
67.9653


 124.9320,
109.3021, 150.2220

 40.1921, 32.1792,
49.4030


156.8099,
139.1047, 187.8926

 27.8733, 21.4984,
34.5714


193.6955,
173.8849, 231.3867

 18.3701, 13.4888,
23.0520

235.9545,
214.0270, 281.1227

 11.3173, 7.7660,
14.4263

283.9519,
259.9155, 337.5192

 6.3496, 3.9456,
8.2756

338.0533,

 3.1014, 1.6432,

311.9347, 400.9947

4.1815

398.6240,
370.4691, 471.9679

■ 1.2076, 0.3864,
1.7254

■ 0.1124, 0.0000,
0.3781

■ 74.7385, 63.0919,
90.6769

■ 74.7385, 63.0919,
90.6769

■ 68.9788, 52.8890,
84.6985

■ 81.4873, 75.2311,
97.1145

■ 64.1531, 44.5132,
79.1573

■ 89.2685, 89.3933,
104.0243

■ 60.2069, 37.8558,
74.0348

95.0500, 100.0000,
108.9000

■ 57.0786, 32.7938,
69.3093

■ 54.6981, 29.1874,
64.9562

■ 52.9833, 26.8728,
60.9469

■ 51.8310, 25.6441,
57.2459

■ 51.5197, 25.3719,
56.0624

Harmonies

Analogous

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



68.7406, 63.0919, 112.6308



74.7385, 63.0919, 90.6769



76.6689, 63.0919, 66.4061

Triad

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



74.7385, 63.0919, 90.6769



59.1618, 63.0919, 33.4383



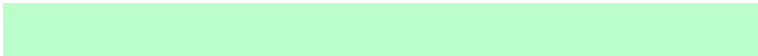
47.9761, 63.0919, 95.5905

Complementary

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



74.7385, 63.0919, 90.6769



66.9162, 86.3500, 69.0204

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.



45.8859, 63.0919, 71.0387



74.7385, 63.0919, 90.6769



51.9735, 63.0919, 37.9928

Square

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



74.7385, 63.0919, 90.6769



67.2177, 63.0919, 36.4535



47.2825, 63.0919, 50.5902



53.2573, 63.0919, 115.8822

Rectangle

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



74.7385, 63.0919, 90.6769



75.2610, 63.0919, 52.8782



47.2825, 63.0919, 50.5902



46.8994, 63.0919, 87.3909

Sweetspot

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



74.7399, 63.0945, 90.6782



88.1678, 87.3814, 103.0734



60.1078, 55.2831, 102.1104



18.6111, 18.2277, 21.8349



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.



74.7399, 63.0945, 90.6782



71.5464, 57.4152, 87.4320



70.1851, 61.2725, 66.6928



18.6111, 18.2277, 21.8349



26.9786, 13.2807, 29.6013



2.6671, 1.3092, 3.0945

Inverse Universe

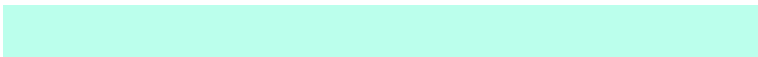
The Inverse Universe completely reimagines the original color for something new.



74.7399, 63.0945, 90.6782



71.5464, 57.4152, 87.4320



71.3568, 88.1263, 92.4043



18.6111, 18.2277, 21.8349



26.9786, 13.2807, 29.6013



2.6671, 1.3092, 3.0945

Previews

White Background



This preview shows how the XYZ color 74.7385, 63.0919, 90.6769 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 74.7385, 63.0919, 90.6769 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 74.7385, 63.0919, 90.6769

Background



This preview shows how black text looks on a background with the XYZ color 74.7385, 63.0919, 90.6769.



This preview shows how white text looks on a background with the XYZ color 74.7385, 63.0919,

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

74.7385, 63.0919, 90.6769

Protanopia

63.0896, 63.2402, 101.8099

Deuteranopia

64.6663, 63.2734, 88.9255



Tritanopia

70.2388, 63.2032, 68.1720

Trichromacy



Original Color

74.7385, 63.0919, 90.6769



Protanomaly

66.5801, 62.6842, 97.3971



Deuteranomaly

68.0320, 62.9285, 89.4497



Tritanomaly

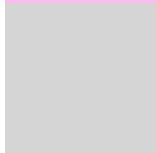
71.6940, 63.1244, 76.1157

Monochromacy



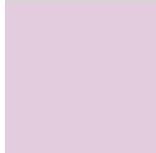
Original Color

74.7385, 63.0919, 90.6769



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.9071, 65.0074, 78.8333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7385, 63.0919, 90.6769 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, 187, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.7385, 63.0919, 90.6769 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, 187, 240) }
```


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

```
.border{ border-color:rgb(255, 187, 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, 187, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7385, 63.0919, 90.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 240) }
```

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

```
.background{ background-color: rgb(255,  
187, 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](#).

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