

Converting Colors

XYZ(92.0437, 69.2955, 97.2897)

Have a look what the booklet for XYZ(92.0437, 69.2955, 97.2897) contains.

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Color

**XYZ(74.3034, 60.2775,
96.5254)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F8
RGB	255, 179, 248
RGB Percent	100%, 70%, 97%
CMY	0.0000, 0.2980, 0.0274
CMYK	0.00, 0.30, 0.03, 0.00
HSL	306°, 100%, 85%
HSV	306°, 30%, 100%
XYZ	74.3034, 60.2775, 96.5254
YIQ	209.5900, 23.1470, 37.5710

Conversions

Conversions Part 2

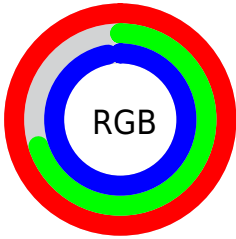
Format	Color
RYB	255, 179, 248
Decimal	16757752
CIELab	81.99, 38.24, -23.18
CIELCh	82, 44.716, 328.773
Yxy	60.2775, 0.3215, 0.2608
Android (android.graphics.Color)	4294947832 (0xFFFFB3F8)
YUV	209.5900, 18.9361, 39.8246
Hunter-Lab	77.6386, 34.9645, -19.3662

Details

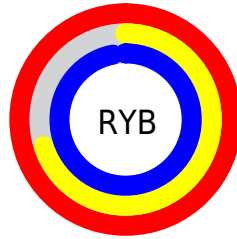
The XYZ color **74.3034, 60.2775, 96.5254** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.2151, 84.6498, 59.4642**, and the grayscale version is **60.8605, 64.0300, 69.7287**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **39.7635, 30.2991, 53.0428** is the 20% darker color. If you saturate the color by 10%, you get **69.2954, 50.8409, 93.0704**, and if you desaturate by 10%, it is **80.2635, 71.6106, 100.3220**.

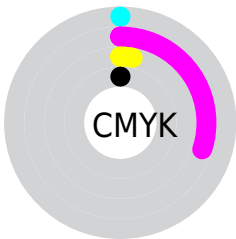
Distribution



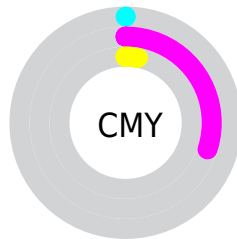
- Red (100%)
- Green (70%)
- Blue (97%)



- Red (100%)
- Yellow (70%)
- Blue (97%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3034, 60.2775, 96.5254 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 74.3034, 60.2775, 96.5254 by changing the saturation by 10% instead.


 74.3034, 60.2775,
96.5254

 74.3034, 60.2775,
96.5254


464.5540,
425.6199, 570.1455

 55.3346, 43.6423,
72.8013


 124.3190,
105.2321, 158.3840

 39.9045, 30.3894,
53.3227


156.0965,
134.3204, 197.3556

 27.6480, 20.1344,
37.6710


192.8742,
168.3284, 242.2468

 18.1996, 12.4928,
25.4276

235.0175,
207.6407, 293.4761

 11.1939, 7.0802,
16.1740

282.8918,
252.6416, 351.4621

 6.2657, 3.5123,
9.4917

336.8624,

 3.0495, 1.4047,

303.7155, 416.6233

4.9621

397.2947,
361.2468, 489.3783

■ 1.1800, 0.2202,
2.1667

■ 0.0905, 0.0000,
0.6550

■ 74.3034, 60.2775,
96.5254

■ 74.3034, 60.2775,
96.5254

■ 69.2954, 50.8409,
93.0704

■ 80.2635, 71.6106,
100.3220

■ 65.1835, 43.1893,
89.9357

■ 87.2199, 84.9294,
104.4725

■ 61.9118, 37.2107,
87.1035

95.0500, 100.0000,
108.9000

■ 59.4162, 32.7773,
84.5523

■ 57.6239, 29.7432,
82.2578

■ 56.4479, 27.9344,
80.1908

■ 55.7487, 27.0723,
78.3048

■ 55.7366, 27.0587,
78.2683

Harmonies

Analogous

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



66.5047, 60.2775, 122.7277



74.3034, 60.2775, 96.5254



77.4778, 60.2775, 66.7539

Triad

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



74.3034, 60.2775, 96.5254



57.6824, 60.2775, 26.1013



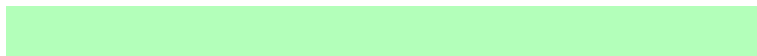
42.7765, 60.2775, 94.0480

Complementary

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



74.3034, 60.2775, 96.5254



63.2151, 84.6498, 59.4642

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.



40.9573, 60.2775, 64.5227



74.3034, 60.2775, 96.5254



48.9719, 60.2775, 29.7308

Square

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



74.3034, 60.2775, 96.5254



67.2527, 60.2775, 30.3937



43.0979, 60.2775, 42.1527



48.3668, 60.2775, 121.0422

Rectangle

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



74.3034, 60.2775, 96.5254



76.3050, 60.2775, 50.2485



43.0979, 60.2775, 42.1527



41.7328, 60.2775, 83.8725

Sweetspot

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



74.3047, 60.2799, 96.5266



87.8222, 86.0860, 104.8211



54.2606, 49.8189, 101.3639



18.5647, 17.9788, 22.3010



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.



74.3047, 60.2799, 96.5266



71.0911, 54.2128, 94.3455



69.0778, 58.1891, 69.0022



18.7163, 18.2698, 22.3890



29.1533, 14.1506, 41.0534



2.8588, 1.3859, 4.1037

Inverse Universe

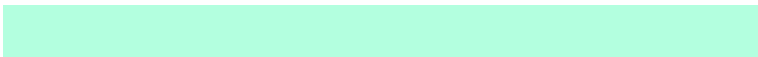
The Inverse Universe completely reimagines the original color for something new.



74.3047, 60.2799, 96.5266



71.0911, 54.2128, 94.3455



67.7163, 86.4502, 83.1671



18.7163, 18.2698, 22.3890



29.1533, 14.1506, 41.0534



2.8588, 1.3859, 4.1037

Previews

White Background



This preview shows how the XYZ color 74.3034, 60.2775, 96.5254 looks on a white background.

Color Contrast Check

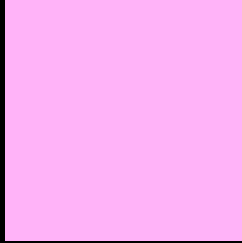
Large Text (above 18pt) WCAG AA × Fail

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 74.3034, 60.2775, 96.5254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

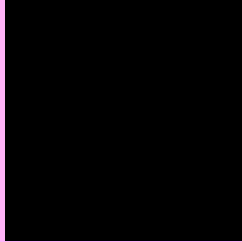
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3034, 60.2775, 96.5254

Background



This preview shows how black text looks on a background with the XYZ color 74.3034, 60.2775, 96.5254.



This preview shows how white text looks on a background with the XYZ color 74.3034, 60.2775,

96.5254.

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

74.3034, 60.2775, 96.5254

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.8853, 60.6776, 94.0382



Tritanopia

67.7108, 60.3704, 63.9610

Trichromacy



Original Color

74.3034, 60.2775, 96.5254



Protanomaly

64.5940, 59.9080, 100.2544



Deuteranomaly

65.7625, 59.9798, 94.4974



Tritanomaly

69.9188, 60.3216, 74.9759

Monochromacy



Original Color

74.3034, 60.2775, 96.5254



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

65.2420, 62.3974, 79.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3034, 60.2775, 96.5254 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, 179, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 248)  
}
```

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, 179, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 248) }
```

Border

The CSS property to change the border of an element to XYZ 74.3034, 60.2775, 96.5254 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, 179, 248) }
```


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

```
.border{ border-color:rgb(255, 179, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3034, 60.2775, 96.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 248) }
```

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

```
.background{ background-color: rgb(255,  
179, 248) }
```

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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