

Converting Colors

XYZ(75.5947, 62.1477, 97.8264)

Have a look what the booklet for
XYZ(75.5947, 62.1477, 97.8264)
contains.

XYZ(75.2724, 61.9665, 97.6160)	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(75.2724, 61.9665,
97.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7F9
RGB	255, 183, 249
RGB Percent	100%, 72%, 98%
CMY	0.0000, 0.2823, 0.0235
CMYK	0.00, 0.28, 0.02, 0.00
HSL	305°, 100%, 86%
HSV	305°, 28%, 100%
XYZ	75.2724, 61.9665, 97.6160
YIQ	212.0520, 21.7260, 35.7900

Conversions

Conversions Part 2

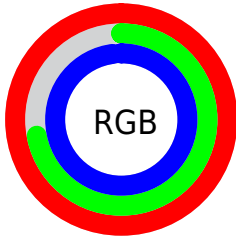
Format	Color
R _Y B	255, 183, 249
Decimal	16758777
CIE Lab	82.90, 36.32, -22.34
CIE LCh	83, 42.642, 328.408
Yxy	61.9665, 0.3205, 0.2639
Android (android.graphics.Color)	4294948857 (0xFFFFB7F9)
YUV	212.0520, 18.2154, 37.6654
Hunter-Lab	78.7188, 32.9272, -18.4200

Details

The XYZ color **75.2724, 61.9665, 97.6160** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.4756, 85.2623, 61.2057**, and the grayscale version is **62.4878, 65.7421, 71.5931**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **40.3906, 31.3766, 53.7966** is the 20% darker color. If you saturate the color by 10%, you get **70.1521, 52.2532, 94.2841**, and if you desaturate by 10%, it is **81.3518, 73.5917, 101.2878**.

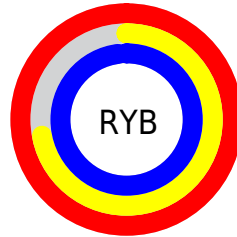
Distribution



Red (100%)

Green (72%)

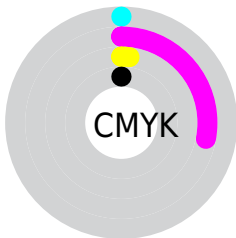
Blue (98%)



Red (100%)

Yellow (72%)

Blue (98%)

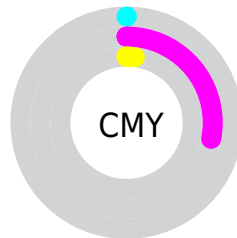


Cyan (0%)

Magenta (28%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2724, 61.9665, 97.6160 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 75.2724, 61.9665, 97.6160 by changing the saturation by 10% instead.


 75.2724, 61.9665,
97.6160

 75.2724, 61.9665,
97.6160


467.8361,
431.8089, 573.7032

 56.1310, 45.0056,
73.7053


 125.6837,
107.6771, 159.9003

 40.5454, 31.4619,
54.0576


157.6844,
137.1956, 199.1111

 28.1501, 20.9508,
38.2542


194.7022,
171.6689, 244.2589

 18.5799, 13.0880,
25.8767

237.1026,
211.4811, 295.7623

 11.4693, 7.4892,
16.5065

285.2508,
257.0169, 354.0399

 6.4531, 3.7699,
9.7250

339.5122,

 3.1657, 1.5457,

308.6605, 419.5103

5.1138

400.2522,
366.7964, 492.5919

■ 1.2420, 0.3206,
2.2543

■ 0.1391, 0.0000,
0.7054

■ 75.2724, 61.9665,
97.6160

■ 75.2724, 61.9665,
97.6160

■ 70.1521, 52.2532,
94.2841

■ 81.3518, 73.5917,
101.2878

■ 65.9355, 44.3415,
91.2711

■ 88.4340, 87.2167,
105.3115

■ 62.5676, 38.1211,
88.5593

95.0500, 100.0000,
108.9000

■ 59.9857, 33.4668,
86.1278

■ 58.1184, 30.2359,
83.9528

■ 56.8815, 28.2596,
82.0060

■ 56.1585, 27.3057,
80.2488

■ 56.0557, 27.1863,
79.9485

Harmonies

Analogous

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



67.7127, 61.9665, 122.5089



75.2724, 61.9665, 97.6160



78.3915, 61.9665, 68.8876

Triad

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



75.2724, 61.9665, 97.6160



59.3899, 61.9665, 28.4654



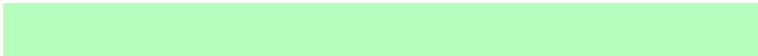
44.6782, 61.9665, 94.5322

Complementary

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



75.2724, 61.9665, 97.6160



64.4756, 85.2623, 61.2057

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.



42.9367, 61.9665, 66.0740



75.2724, 61.9665, 97.6160



50.8823, 61.9665, 32.0218

Square

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



75.2724, 61.9665, 97.6160



68.6507, 61.9665, 32.8854



45.0880, 61.9665, 44.2747



50.1144, 61.9665, 120.4271

Rectangle

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



75.2724, 61.9665, 97.6160



77.3105, 61.9665, 52.7154



45.0880, 61.9665, 44.2747



43.6678, 61.9665, 84.7513

Sweetspot

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



75.2737, 61.9689, 97.6173



88.6114, 87.5589, 105.4097



55.6757, 51.7559, 101.6632



18.7235, 18.2727, 22.4272



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.



75.2737, 61.9689, 97.6173



72.2066, 56.1396, 95.6550



70.3382, 59.9947, 71.6274



18.7235, 18.2727, 22.4272



29.3176, 14.2163, 41.9183



2.8730, 1.3916, 4.1788

Inverse Universe

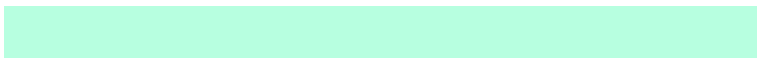
The Inverse Universe completely reimagines the original color for something new.



75.2737, 61.9689, 97.6173



72.2066, 56.1396, 95.6550



68.7175, 86.9591, 83.5436



18.7235, 18.2727, 22.4272



29.3176, 14.2163, 41.9183



2.8730, 1.3916, 4.1788

Previews

White Background



This preview shows how the XYZ color 75.2724, 61.9665, 97.6160 looks on a white background.

Color Contrast Check

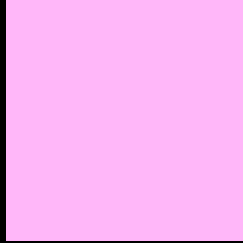
Large Text (above 18pt) WCAG AA × Fail

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 75.2724, 61.9665, 97.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

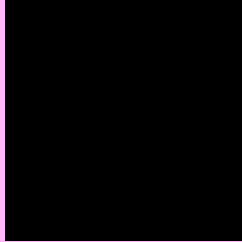
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2724, 61.9665, 97.6160

Background



This preview shows how black text looks on a background with the XYZ color 75.2724, 61.9665, 97.6160.



This preview shows how white text looks on a background with the XYZ color 75.2724, 61.9665,

97.6160.

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

75.2724, 61.9665, 97.6160

Protanopia

62.1295, 62.3520, 103.3683

Deuteranopia

63.6144, 62.2435, 95.0476



Tritanopia

68.8383, 61.8576, 66.7041

Trichromacy



Original Color

75.2724, 61.9665, 97.6160



Protanomaly

66.0148, 61.6233, 101.3436



Deuteranomaly

67.2010, 61.6916, 95.5546



Tritanomaly

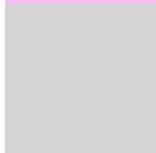
70.9517, 61.7496, 77.2865

Monochromacy



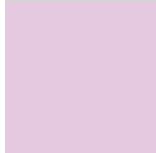
Original Color

75.2724, 61.9665, 97.6160



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.4722, 63.7035, 80.0267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2724, 61.9665, 97.6160 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, 183, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 249)  
}
```

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, 183, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.2724, 61.9665, 97.6160 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, 183, 249) }
```


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

```
.border{ border-color:rgb(255, 183, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2724, 61.9665, 97.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 249) }
```

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

```
.background{ background-color: rgb(255,  
183, 249) }
```

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