

Converting Colors

XYZ(117.7261, 84.9601,
96.5946)

Have a look what the booklet for
XYZ(117.7261, 84.9601, 96.5946)
contains.

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Color

**XYZ(75.2803, 62.9704,
94.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF5
RGB	255, 186, 245
RGB Percent	100%, 73%, 96%
CMY	0.0000, 0.2706, 0.0392
CMYK	0.00, 0.27, 0.04, 0.00
HSL	309°, 100%, 86%
HSV	309°, 27%, 100%
XYZ	75.2803, 62.9704, 94.5730
YIQ	213.3570, 22.1850, 32.9770

Conversions

Conversions Part 2

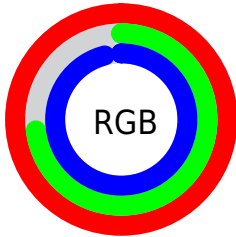
Format	Color
R _Y B	255, 186, 245
Decimal	16759541
CIE Lab	83.43, 34.05, -19.40
CIE LCh	83, 39.187, 330.329
Yxy	62.9704, 0.3233, 0.2705
Android (android.graphics.Color)	4294949621 (0xFFFFBAF5)
YUV	213.3570, 15.6000, 36.5209
Hunter-Lab	79.3539, 30.4675, -15.1134

Details

The XYZ color **75.2803, 62.9704, 94.5730** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.9755, 85.9456, 65.3393**, and the grayscale version is **63.3746, 66.6750, 72.6091**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **40.4625, 32.0470, 52.1972** is the 20% darker color. If you saturate the color by 10%, you get **69.8216, 52.9465, 89.9983**, and if you desaturate by 10%, it is **81.7118, 74.9210, 99.5292**.

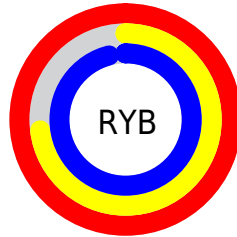
Distribution



Red (100%)

Green (73%)

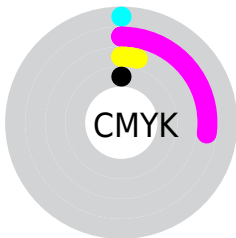
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

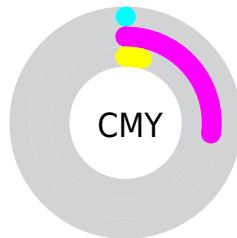


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2803, 62.9704, 94.5730 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 75.2803, 62.9704, 94.5730 by changing the saturation by 10% instead.


 75.2803, 62.9704,
94.5730

 75.2803, 62.9704,
94.5730


467.8628,
435.4621, 563.7465

 56.1375, 45.8173,
71.1847


 125.6948,
109.1268, 155.6651

 40.5506, 32.1016,
52.0102

157.6973,
138.8989, 194.2059

 28.1542, 21.4391,
36.6309


194.7171,
173.6460, 238.6347

 18.5830, 13.4454,
24.6283

237.1195,
213.7527, 289.3699

 11.4716, 7.7359,
15.5838

285.2700,
259.6032, 346.8302

 6.4546, 3.9265,
9.0790

339.5337,

 3.1667, 1.6325,

311.5820, 411.4340

4.6952

400.2762,
370.0735, 483.5999

■ 1.2425, 0.3794,
2.0140

■ 0.1395, 0.0000,
0.5639

■ 75.2803, 62.9704,
94.5730

■ 75.2803, 62.9704,
94.5730

■ 69.8216, 52.9465,
89.9983

■ 81.7118, 74.9210,
99.5292

■ 65.2802, 44.7397,
85.7838

■ 89.1588, 88.8850,
104.8790

■ 61.6018, 38.2411,
81.9120

95.0500, 100.0000,
108.9000

■ 58.7245, 33.3270,
78.3618

■ 56.5781, 29.8571,
75.1096

■ 55.0801, 27.6665,
72.1275

■ 54.1251, 26.5444,
69.3800

■ 53.9007, 26.3243,
68.6004

Harmonies

Analogous

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



68.5308, 62.9704, 117.6835



75.2803, 62.9704, 94.5730



77.8163, 62.9704, 68.2942

Triad

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



75.2803, 62.9704, 94.5730



59.7572, 62.9704, 31.4739



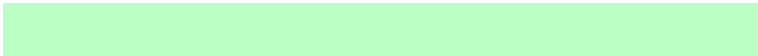
46.7694, 62.9704, 95.1540

Complementary

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



75.2803, 62.9704, 94.5730



65.9755, 85.9456, 65.3393

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.



44.8891, 62.9704, 68.8346



75.2803, 62.9704, 94.5730



51.9378, 62.9704, 35.4602

Square

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



75.2803, 62.9704, 94.5730



68.3521, 62.9704, 35.2864



46.6894, 62.9704, 47.8228



52.0866, 62.9704, 118.0712

Rectangle

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



75.2803, 62.9704, 94.5730



76.6047, 62.9704, 53.4916



46.6894, 62.9704, 47.8228



45.7383, 62.9704, 86.2312

Sweetspot

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



75.2818, 62.9729, 94.5743



88.4115, 87.4789, 104.3570



58.1689, 53.9698, 101.9591



18.6728, 18.2524, 22.1601



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.



75.2818, 62.9729, 94.5743



72.4644, 57.7824, 92.2659



70.5962, 61.0987, 69.9003



18.6728, 18.2524, 22.1601



28.2075, 13.7723, 36.0730



2.7761, 1.3528, 3.6681

Inverse Universe

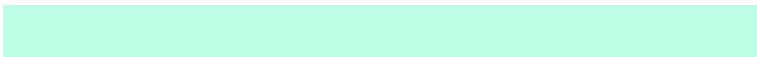
The Inverse Universe completely reimagines the original color for something new.



75.2818, 62.9729, 94.5743



72.4644, 57.7824, 92.2659



70.2523, 87.6563, 87.8605



18.6728, 18.2524, 22.1601



28.2075, 13.7723, 36.0730



2.7761, 1.3528, 3.6681

Previews

White Background



This preview shows how the XYZ color 75.2803, 62.9704, 94.5730 looks on a white background.

Color Contrast Check

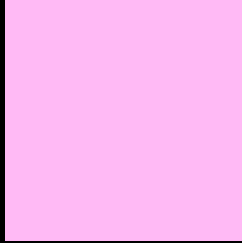
Large Text (above 18pt) WCAG AA × Fail

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 75.2803, 62.9704, 94.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

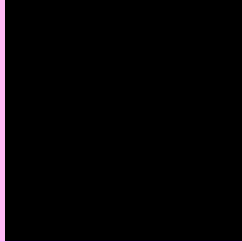
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2803, 62.9704, 94.5730

Background



This preview shows how black text looks on a background with the XYZ color 75.2803, 62.9704, 94.5730.



This preview shows how white text looks on a background with the XYZ color 75.2803, 62.9704,

94.5730.

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

75.2803, 62.9704, 94.5730

Protanopia

63.1473, 63.2329, 103.4847

Deuteranopia

64.5343, 63.1197, 92.7864



Tritanopia

69.8795, 63.0180, 68.1551

Trichromacy



Original Color

75.2803, 62.9704, 94.5730



Protanomaly

66.7495, 62.7173, 99.8544



Deuteranomaly

68.1388, 62.8975, 93.3432



Tritanomaly

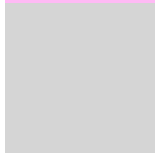
71.6095, 62.7428, 76.7430

Monochromacy



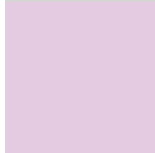
Original Color

75.2803, 62.9704, 94.5730



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.9415, 64.6421, 80.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2803, 62.9704, 94.5730 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, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 245)  
}
```

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, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.2803, 62.9704, 94.5730 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, 186, 245) }
```


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

```
.border{ border-color:rgb(255, 186, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2803, 62.9704, 94.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 245) }
```

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

```
.background{ background-color: rgb(255,  
186, 245) }
```

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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