

Converting Colors

XYZ(92.1419, 71.7527, 94.2307)

Have a look what the booklet for
XYZ(92.1419, 71.7527, 94.2307)
contains.

XYZ(75.1280, 62.9095, 93.7710)	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(75.1280, 62.9095,
93.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF4
RGB	255, 186, 244
RGB Percent	100%, 73%, 96%
CMY	0.0000, 0.2706, 0.0431
CMYK	0.00, 0.27, 0.04, 0.00
HSL	310°, 100%, 86%
HSV	310°, 27%, 100%
XYZ	75.1280, 62.9095, 93.7710
YIQ	213.2430, 22.5060, 32.6660

Conversions

Conversions Part 2

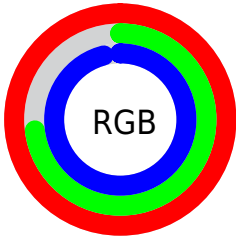
Format	Color
R _Y B	255, 186, 244
Decimal	16759540
CIE Lab	83.39, 33.88, -18.91
CIE LCh	83, 38.797, 330.825
Yxy	62.9095, 0.3241, 0.2714
Android (android.graphics.Color)	4294949620 (0xFFFFBAF4)
YUV	213.2430, 15.1632, 36.6209
Hunter-Lab	79.3155, 30.2738, -14.5749

Details

The XYZ color **75.1280, 62.9095, 93.7710** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.0898, 85.9913, 65.9410**, and the grayscale version is **63.3010, 66.5976, 72.5248**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **40.3543, 32.0037, 51.6274** is the 20% darker color. If you saturate the color by 10%, you get **69.6174, 52.8649, 88.9229**, and if you desaturate by 10%, it is **81.6137, 74.8818, 99.0130**.

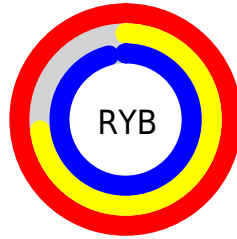
Distribution



Red (100%)

Green (73%)

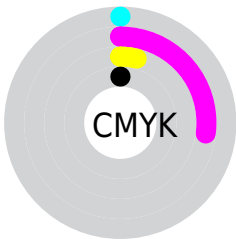
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

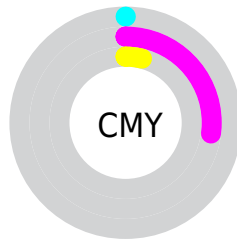


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1280, 62.9095, 93.7710 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 75.1280, 62.9095, 93.7710 by changing the saturation by 10% instead.


 75.1280, 62.9095,
93.7710

 75.1280, 62.9095,
93.7710


467.3478,
435.2410, 561.1065

 56.0123, 45.7680,
70.5213


 125.4805,
109.0389, 154.5465

 40.4498, 32.0628,
51.4722

157.4480,
138.7957, 192.9094

 28.0752, 21.4095,
36.2052


194.4301,
173.5263, 237.1471

 18.5231, 13.4236,
24.3018

236.7922,
213.6151, 287.6781

 11.4282, 7.7209,
15.3434

284.8997,
259.4466, 344.9210

 6.4250, 3.9169,
8.9114

339.1179,

 3.1483, 1.6272,

311.4052, 409.2944

4.5874

399.8121,
369.8751, 481.2167

■ 1.2327, 0.3758,
1.9528

■ 0.1319, 0.0000,
0.5260

■ 75.1280, 62.9095,
93.7710

■ 75.1280, 62.9095,
93.7710

■ 69.6174, 52.8649,
88.9229

■ 81.6137, 74.8818,
99.0130

■ 65.0264, 44.6382,
84.4472

■ 89.1175, 88.8685,
104.6610

■ 61.3007, 38.1207,
80.3264

95.0500, 100.0000,
108.9000

■ 58.3784, 33.1886,
76.5392

■ 56.1892, 29.7016,
73.0618

■ 54.6507, 27.4947,
69.8663

■ 53.6574, 26.3573,
66.9171

■ 53.4221, 26.1329,
66.0803

Harmonies

Analogous

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



68.5097, 62.9095, 116.7179



75.1280, 62.9095, 93.7710



77.5512, 62.9095, 67.8299

Triad

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



75.1280, 62.9095, 93.7710



59.5599, 62.9095, 31.7160



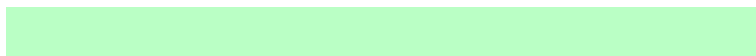
46.9008, 62.9095, 95.2091

Complementary

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



75.1280, 62.9095, 93.7710



66.0898, 85.9913, 65.9410

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.



44.9774, 62.9095, 69.1700



75.1280, 62.9095, 93.7710



51.8500, 62.9095, 35.8110

Square

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



75.1280, 62.9095, 93.7710



68.0669, 62.9095, 35.3780



46.7021, 62.9095, 48.2301



52.2194, 62.9095, 117.6764

Rectangle

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



75.1280, 62.9095, 93.7710



76.2979, 62.9095, 53.2538



46.7021, 62.9095, 48.2301



45.8595, 62.9095, 86.4041

Sweetspot

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



75.1295, 62.9121, 93.7723



88.3647, 87.4602, 104.1103



58.4676, 54.1238, 101.9731



18.6609, 18.2477, 22.0976



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.



75.1295, 62.9121, 93.7723



72.2861, 57.7111, 91.3271



70.4522, 61.0412, 69.1422



18.6609, 18.2477, 22.0976



27.9608, 13.6736, 34.7735



2.7543, 1.3441, 3.5537

Inverse Universe

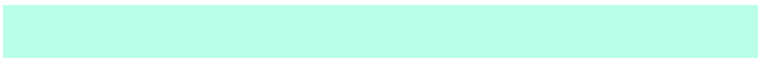
The Inverse Universe completely reimagines the original color for something new.



75.1295, 62.9121, 93.7723



72.2861, 57.7111, 91.3271



70.4141, 87.7210, 88.7125



18.6609, 18.2477, 22.0976



27.9608, 13.6736, 34.7735



2.7543, 1.3441, 3.5537

Previews

White Background



This preview shows how the XYZ color 75.1280, 62.9095, 93.7710 looks on a white background.

Color Contrast Check

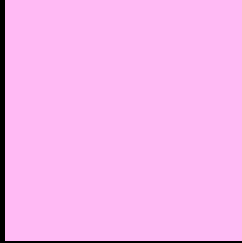
Large Text (above 18pt) WCAG AA × Fail

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 75.1280, 62.9095, 93.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

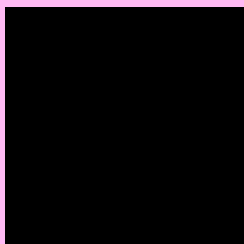
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1280, 62.9095, 93.7710

Background



This preview shows how black text looks on a background with the XYZ color 75.1280, 62.9095, 93.7710.



This preview shows how white text looks on a background with the XYZ color 75.1280, 62.9095,

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

75.1280, 62.9095, 93.7710

Protanopia

63.1473, 63.2329, 103.4847

Deuteranopia

64.6737, 63.2089, 92.0110



Tritanopia

69.8795, 63.0180, 68.1551

Trichromacy



Original Color

75.1280, 62.9095, 93.7710



Protanomaly

66.7495, 62.7173, 99.8544



Deuteranomaly

67.9882, 62.8373, 92.5498



Tritanomaly

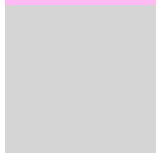
71.6095, 62.7428, 76.7430

Monochromacy



Original Color

75.1280, 62.9095, 93.7710



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.8054, 64.5877, 79.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1280, 62.9095, 93.7710 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 244) }
```

Border

The CSS property to change the border of an element to XYZ 75.1280, 62.9095, 93.7710 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, 244) }
```


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

```
.border{ border-color:rgb(255, 186, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1280, 62.9095, 93.7710 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
186, 244) }
```

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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