Converting Colors

XYZ(74.6868, 62.7852, 91.2866)

Have a look what the booklet for XYZ(74.6868, 62.7852, 91.2866) contains.

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Color

XYZ(74.6761, 62.7287, 91.3911)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF1
RGB	255, 186, 241
RGB Percent	100%, 73%, 95%
CMY	0.0000, 0.2706, 0.0549
CMYK	0.00, 0.27, 0.05, 0.00
HSL	312°, 100%, 86%
HSV	312°, 27%, 100%
XYZ	74.6761, 62.7287, 91.3911
YIQ	212.9010, 23.4690, 31.7330

Conversions

Conversions Part 2

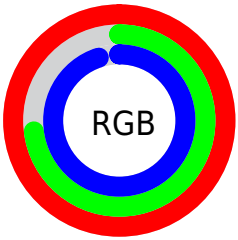
Format	Color
RYB	255, 186, 241
Decimal	16759537
CIELab	83.30, 33.36, -17.45
CIELCh	83, 37.647, 332.380
Yxy	62.7287, 0.3264, 0.2742
Android (android.graphics.Color)	4294949617 (0xFFFFBAF1)
YUV	212.9010, 13.8528, 36.9208
Hunter-Lab	79.2015, 29.6985, -12.9741

Details

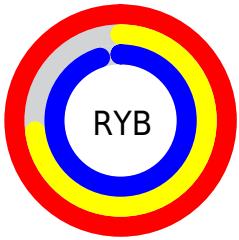
The XYZ color 74.6761, 62.7287, 91.3911 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 66.4370, 86.1302, 67.7697, and the grayscale version is 63.0804, 66.3655, 72.2721.

A 20% lighter version of the original color is 91.3406, 92.5812, 107.6635, and 40.0342, 31.8756, 49.9415 is the 20% darker color. If you saturate the color by 10%, you get 69.0139, 52.6235, 85.7452, and if you desaturate by 10%, it is 81.3216, 74.7649, 97.4747.

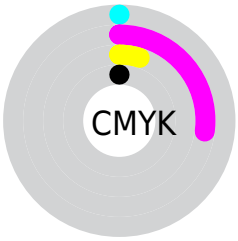
Distribution



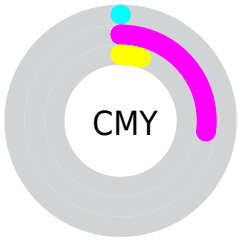
- Red (100%)
- Green (73%)
- Blue (95%)



- Red (100%)
- Yellow (73%)
- Blue (95%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6761, 62.7287, 91.3911 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 74.6761, 62.7287, 91.3911 by changing the saturation by 10% instead.

74.6761, 62.7287, 91.3911

74.6761, 62.7287, 91.3911

465.8179, 434.5842, 553.2322

55.6408, 45.6218, 68.5548

124.8441, 108.7780, 151.2215

40.1509, 31.9475, 49.8797

156.7076, 138.4892, 189.0528

27.8409, 21.3214, 34.9473

193.5778, 173.1706, 232.7194

18.3456, 13.3591, 23.3391

235.8201, 213.2065, 282.6399

11.2996, 7.6763, 14.6364

283.8000, 258.9815, 339.2329

6.3375, 3.8885, 8.4208

337.8826,

3.0940, 1.6114,

310.8798, 402.9170

398.4335, 369.2859, 474.1105

4.2738

1.2037, 0.3653, 1.7767

0.1092, 0.0000, 0.4125

74.6761, 62.7287, 91.3911

74.6761, 62.7287, 91.3911

69.0139, 52.6235, 85.7452

81.3216, 74.7649, 97.4747

64.2797, 44.3395, 80.5153

88.9936, 88.8189, 104.0088

60.4189, 37.7680, 75.6830

95.0500, 100.0000, 108.9000

57.3696, 32.7851, 71.2269

55.0613, 29.2504, 67.1225

53.4116, 26.9991, 63.3413

52.3148, 25.8203, 59.8473

52.0506, 25.5842, 58.8578

Harmonies

Analogous

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

68.4502, 62.7287, 113.8556

74.6761, 62.7287, 91.3911

76.7626, 62.7287, 66.4466

Triad

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

74.6761, 62.7287, 91.3911

58.9707, 62.7287, 32.4492

47.2979, 62.7287, 95.3836

Complementary

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

74.6761, 62.7287, 91.3911

66.4370, 86.1302, 67.7697

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.

45.2437, 62.7287, 70.1893

74.6761, 62.7287, 91.3911

51.5870, 62.7287, 36.8786

Square

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

74.6761, 62.7287, 91.3911

67.2168, 62.7287, 35.6517

46.7402, 62.7287, 49.4695

52.6215, 62.7287, 116.5068

Rectangle

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

74.6761, 62.7287, 91.3911

75.3846, 62.7287, 52.5416

46.7402, 62.7287, 49.4695

46.2253, 62.7287, 86.9328

Sweetspot

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

74.6775, 62.7312, 91.3924

88.2246, 87.4041, 103.3726

59.3774, 54.5928, 102.0157

18.6254, 18.2335, 21.9107

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.

74.6775, 62.7312, 91.3924

71.7583, 57.4999, 88.5474

70.0265, 60.8708, 66.9005

18.6254, 18.2335, 21.9107

27.2529, 13.3904, 31.0457

2.6916, 1.3190, 3.2234

Inverse Universe

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

74.6775, 62.7312, 91.3924

71.7583, 57.4999, 88.5474

70.9058, 87.9177, 91.3021

18.6254, 18.2335, 21.9107

27.2529, 13.3904, 31.0457

2.6916, 1.3190, 3.2234

Previews

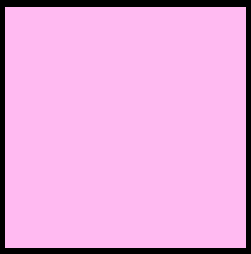
White Background

This preview shows how the XYZ color 74.6761, 62.7287, 91.3911 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



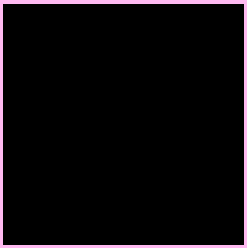
This preview shows how the XYZ color 74.6761, 62.7287, 91.3911 looks on a black background.

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 74.6761, 62.7287, 91.3911 Background



This preview shows how black text looks on a background with the XYZ color 74.6761, 62.7287, 91.3911.

This preview shows how white text looks on a background with the XYZ color 74.6761, 62.7287,

91.3911.

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
74.6761, 62.7287, 91.3911

Protanopia
62.9867, 63.1687, 102.6390

Deuteranopia
64.5201, 63.1811, 89.6835

Tritanopia
69.8958, 62.7135, 67.4525

Trichromacy

Original Color
74.6761, 62.7287, 91.3911

Protanomaly
66.4357, 62.5918, 98.2024

Deuteranomaly
67.8593, 62.8225, 90.2107

Tritanomaly
71.3445, 62.6368, 75.3477

Monochromacy

Original Color
74.6761, 62.7287, 91.3911

Achromatopsia
63.2451, 66.5387, 72.4607

Achromatomaly
66.6701, 64.5336, 78.7544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6761, 62.7287, 91.3911 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, 241) looks like.

```
.text, #text, p{
    color:rgb(255, 186, 241)
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.6761, 62.7287, 91.3911 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, 241) }
```

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

```
.border{ border-color:rgb(255, 186, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 241); box-shadow:4px 4px 4px 4px rgb(255, 186, 241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6761, 62.7287, 91.3911 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, 241) }
```

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

```
.background{ background-color:rgb(255,
186, 241) }
```

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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