

Converting Colors

XYZ(74.2068, 63.1739, 84.9295)

Have a look what the booklet for
XYZ(74.2068, 63.1739, 84.9295)
contains.

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Color

**XYZ(73.7887, 63.0526,
84.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCE8
RGB	255, 188, 232
RGB Percent	100%, 74%, 91%
CMY	0.0000, 0.2627, 0.0902
CMYK	0.00, 0.26, 0.09, 0.00
HSL	321°, 100%, 87%
HSV	321°, 26%, 100%
XYZ	73.7887, 63.0526, 84.6252
YIQ	213.0490, 25.8080, 27.8880

Conversions

Conversions Part 2

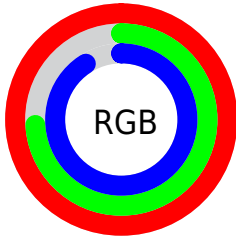
Format	Color
R _Y B	255, 188, 232
Decimal	16760040
CIE Lab	83.47, 30.79, -12.38
CIE LCh	83, 33.184, 338.088
Yxy	63.0526, 0.3332, 0.2847
Android (android.graphics.Color)	4294950120 (0xFFFFBCE8)
YUV	213.0490, 9.3428, 36.7910
Hunter-Lab	79.4057, 26.9134, -7.6033

Details

The XYZ color **73.7887, 63.0526, 84.6252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.2589, 86.9155, 74.8098**, and the grayscale version is **63.2073, 66.4990, 72.4175**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **39.6503, 32.1906, 45.1979** is the 20% darker color. If you saturate the color by 10%, you get **67.6023, 52.6203, 76.5805**, and if you desaturate by 10%, it is **81.0023, 75.4396, 93.3195**.

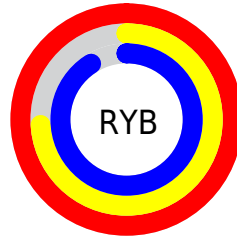
Distribution



Red (100%)

Green (74%)

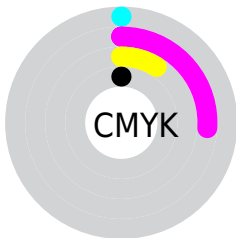
Blue (91%)



Red (100%)

Yellow (74%)

Blue (91%)

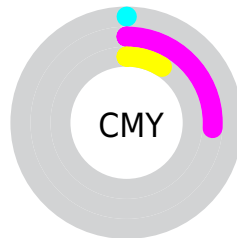


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7887, 63.0526, 84.6252 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 73.7887, 63.0526, 84.6252 by changing the saturation by 10% instead.

 73.7887, 63.0526,
84.6252

 73.7887, 63.0526,
84.6252


462.8054,
435.7604, 530.4993

 54.9118, 45.8838,
62.9834


 123.5933,
109.2454, 141.7189

 39.5647, 32.1541,
45.3868

155.2518,
139.0381, 178.0079

 27.3820, 21.4792,
31.4171


191.9014,
173.8076, 220.0163

 17.9984, 13.4748,
20.6555

233.9076,
213.9383, 268.1627

 11.0485, 7.7563,
12.6836

281.6358,
259.8145, 322.8657

 6.1670, 3.9394,
7.0829


335.4512,


 2.9885, 1.6397,


311.8207, 384.5438

3.4348


395.7193,
370.3411, 453.6154


 1.1477, 0.3842,
1.3207


 0.0645, 0.0000,
0.0787

 73.7887, 63.0526,
84.6252


 73.7887, 63.0526,
84.6252

 67.6023, 52.6203,
76.5805


 81.0023, 75.4396,
93.3195

 62.3872, 44.0333,
69.1601

 89.2867, 89.8678,
102.6799

 58.0887, 37.1831,
62.3419

95.0500, 100.0000,
108.9000

 54.6446, 31.9470,
56.1006

■ 51.9845, 28.1858,
50.4081

■ 50.0262, 25.7364,
45.2321

■ 48.6675, 24.3961,
40.5335

■ 48.2576, 24.0670,
38.8842

Harmonies

Analogous

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



68.9298, 63.0526, 105.0388



73.7887, 63.0526, 84.6252



74.7890, 63.0526, 63.1978

Triad

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



73.7887, 63.0526, 84.6252



57.9930, 63.0526, 36.2738



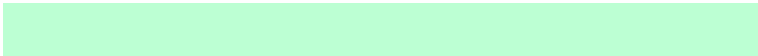
49.6311, 63.0526, 96.2882

Complementary

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



73.7887, 63.0526, 84.6252



68.2589, 86.9155, 74.8098

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.



47.1816, 63.0526, 74.4146



73.7887, 63.0526, 84.6252



51.7490, 63.0526, 41.8219

Square

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



73.7887, 63.0526, 84.6252



65.2739, 63.0526, 37.9206



47.9245, 63.0526, 54.8297



54.8853, 63.0526, 112.6609

Rectangle

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



73.7887, 63.0526, 84.6252



73.0632, 63.0526, 51.5476



47.9245, 63.0526, 54.8297



48.4725, 63.0526, 89.1783

Sweetspot

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



73.7901, 63.0552, 84.6265



87.7767, 87.2250, 101.0141



62.7089, 56.9401, 102.2932



18.5122, 18.1882, 21.3143



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.



73.7901, 63.0552, 84.6265



70.1237, 56.8461, 79.9401



69.5532, 61.3604, 62.3152



18.5122, 18.1882, 21.3143



25.2886, 12.6047, 20.7019



2.5136, 1.2478, 2.2862

Inverse Universe

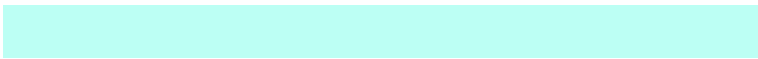
The Inverse Universe completely reimagines the original color for something new.



73.7901, 63.0552, 84.6265



70.1237, 56.8461, 79.9401



72.8045, 88.7337, 98.7462



18.5122, 18.1882, 21.3143



25.2886, 12.6047, 20.7019



2.5136, 1.2478, 2.2862

Previews

White Background



This preview shows how the XYZ color 73.7887, 63.0526, 84.6252 looks on a white background.

Color Contrast Check

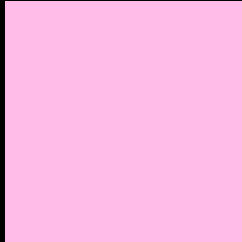
Large Text (above 18pt) WCAG AA × Fail

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 73.7887, 63.0526, 84.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

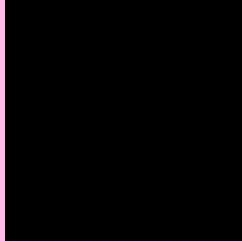
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7887, 63.0526, 84.6252

Background



This preview shows how black text looks on a background with the XYZ color 73.7887, 63.0526, 84.6252.



This preview shows how white text looks on a background with the XYZ color 73.7887, 63.0526,

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

73.7887, 63.0526, 84.6252

Protanopia

62.7294, 63.5748, 94.5529

Deuteranopia

64.7122, 63.4291, 82.9611



Tritanopia

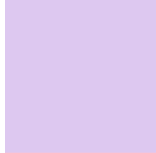
70.2570, 62.8997, 67.4694

Trichromacy



Original Color

73.7887, 63.0526, 84.6252



Protanomaly

66.2012, 62.9720, 91.1037



Deuteranomaly

67.7557, 63.2571, 83.5016



Tritanomaly

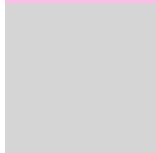
71.5335, 63.1021, 73.3754

Monochromacy



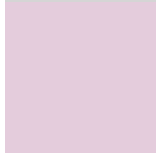
Original Color

73.7887, 63.0526, 84.6252



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.5060, 64.8470, 76.7216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7887, 63.0526, 84.6252 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, 188, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 232)  
}
```

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, 188, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.7887, 63.0526, 84.6252 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, 188, 232) }
```


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

```
.border{ border-color:rgb(255, 188, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7887, 63.0526, 84.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 232) }
```

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

```
.background{ background-color: rgb(255,  
188, 232) }
```

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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