Converting Colors

XYZ(74.8879, 74.0536, 57.8543)

Have a look what the booklet for XYZ(74.8879, 74.0536, 57.8543) contains.

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Color

XYZ(74.8730, 74.0026, 57.9146)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8BC
RGB	255, 216, 188
RGB Percent	100%, 85%, 74%
CMY	0.0000, 0.1529, 0.2627
CMYK	0.00, 0.15, 0.26, 0.00
HSL	25°, 100%, 87%
HSV	25°, 26%, 100%
XYZ	74.8730, 74.0026, 57.9146
YIQ	224.4690, 32.2320, -0.4400

Conversions

Conversions Part 2

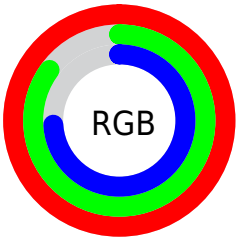
Format	Color
RYB	255, 236, 188
Decimal	16767164
CIELab	88.92, 9.52, 18.86
CIELCh	89, 21.123, 63.213
Yxy	74.0026, 0.3621, 0.3579
Android (android.graphics.Color)	4294957244 (0xFFFFD8BC)
YUV	224.4690, -17.9792, 26.7757
Hunter-Lab	86.0248, 4.8169, 20.3014

Details

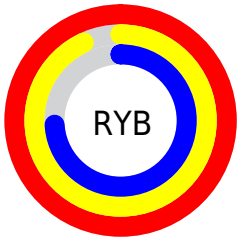
The XYZ color 74.8730, 74.0026, 57.9146 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 66.2572, 72.8472, 105.1765, and the grayscale version is 71.2972, 75.0102, 81.6861.

A 20% lighter version of the original color is 93.3291, 99.3117, 99.8380, and 40.1440, 39.1093, 28.3547 is the 20% darker color. If you saturate the color by 10%, you get 68.7314, 65.7368, 43.4826, and if you desaturate by 10%, it is 81.8473, 83.1562, 75.0221.

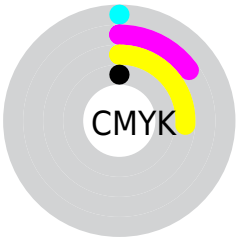
Distribution



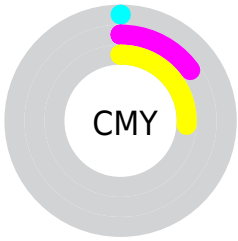
- Red (100%)
- Green (85%)
- Blue (74%)



- Red (100%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8730, 74.0026, 57.9146 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 74.8730, 74.0026, 57.9146 by changing the saturation by 10% instead.

74.8730, 74.0026, 57.9146

74.8730, 74.0026, 57.9146

466.4848, 474.4823, 434.4570

55.8027, 54.7962, 41.3257

125.1214, 124.8995, 103.3120

40.2811, 39.2385, 28.2521

157.0303, 157.3587, 132.9577

27.9430, 26.9454, 18.2751

193.9493, 195.0044, 167.7927

18.4229, 17.5322, 10.9762

236.2438, 238.2208, 208.2356

11.3556, 10.6147, 5.9369

284.2793, 287.3924, 254.7050

6.3756, 5.8084, 2.7386

338.4211,

3.1176, 2.7289,

342.9036, 307.6193

399.0345, 405.1388, 367.3971

0.9627

1.2162, 0.9919, 0.0000

0.1191, 0.0000, 0.0000

74.8730, 74.0026, 57.9146

74.8730, 74.0026, 57.9146

68.7314, 65.7368, 43.4826

81.8473, 83.1562, 75.0221

63.3827, 58.3206, 31.5839

89.6814, 93.2145, 94.9281

58.7912, 51.7273, 22.0699

95.0500, 100.0000, 108.9000

54.9162, 45.9247, 14.7744

51.7122, 40.8782, 9.5096

49.1275, 36.5495, 6.0557

47.0992, 32.8952, 4.1398

46.4548, 31.6896, 3.6683

Harmonies

Analogous

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

78.9092, 74.0026, 66.0832

74.8730, 74.0026, 57.9146

69.7862, 74.0026, 55.5527

Triad

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

74.8730, 74.0026, 57.9146

60.9489, 74.0026, 82.1688

75.8750, 74.0026, 106.5729

Complementary

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

74.8730, 74.0026, 57.9146

66.2572, 72.8472, 105.1765

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.

70.8912, 74.0026, 112.1706

74.8730, 74.0026, 57.9146

62.4097, 74.0026, 97.0471

Square

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

74.8730, 74.0026, 57.9146

61.9010, 74.0026, 68.5135

65.9885, 74.0026, 108.4907

79.5072, 74.0026, 93.9778

Rectangle

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

74.8730, 74.0026, 57.9146

66.5237, 74.0026, 57.3198

65.9885, 74.0026, 108.4907

74.2939, 74.0026, 109.4002

Sweetspot

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

74.8748, 74.0059, 57.9161

88.2663, 91.4123, 91.2868

73.1003, 62.7778, 80.9984

18.6332, 19.2346, 18.8749

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.

74.8748, 74.0059, 57.9161

71.2577, 69.1649, 49.3329

84.3219, 92.9002, 61.0652

18.6332, 19.2346, 18.8749

24.4131, 16.8375, 1.9632

2.4820, 1.8494, 0.2262

Inverse Universe

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

66.2572, 72.8472, 105.1765

61.2001, 67.8058, 104.4700

57.9890, 56.3106, 102.4204

17.8813, 19.1343, 23.0008

15.1498, 15.2091, 51.5718

1.5831, 1.6969, 5.0574

Previews

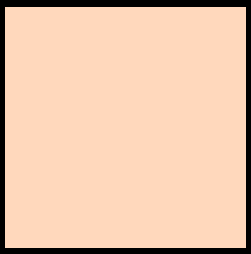
White Background

This preview shows how the XYZ color 74.8730, 74.0026, 57.9146 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



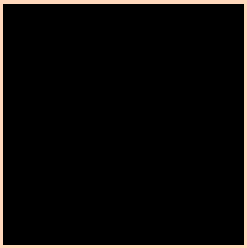
This preview shows how the XYZ color 74.8730, 74.0026, 57.9146 looks on a black background.

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 74.8730, 74.0026, 57.9146 Background



This preview shows how black text looks on a background with the XYZ color 74.8730, 74.0026, 57.9146.

This preview shows how white text looks on a background with the XYZ color 74.8730, 74.0026,

57.9146.

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
74.8730, 74.0026, 57.9146

Protanopia
70.0526, 74.1991, 59.9199

Deuteranopia
75.1998, 74.1333, 59.6359

Tritanopia
78.5110, 73.8380, 82.0657

Trichromacy

Original Color
74.8730, 74.0026, 57.9146

Protanomaly
71.5054, 73.7814, 59.1877

Deuteranomaly
75.0901, 74.0894, 59.0582

Tritanomaly
76.9179, 73.6020, 72.4399

Monochromacy

Original Color
74.8730, 74.0026, 57.9146

Achromatopsia
70.8507, 74.5404, 81.1745

Achromatomaly
71.8753, 74.0782, 72.1383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8730, 74.0026, 57.9146 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, 216, 188) looks like.

```
.text, #text, p{
    color:rgb(255, 216, 188)
}
```

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, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 188) }
```

Border

The CSS property to change the border of an element to XYZ 74.8730, 74.0026, 57.9146 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, 216, 188) }
```

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

```
.border{ border-color:rgb(255, 216, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 188); box-shadow:4px 4px 4px 4px rgb(255, 216, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8730, 74.0026, 57.9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 216, 188) }
```

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

```
.background{ background-color:rgb(255,
216, 188) }
```

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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