

Converting Colors

XYZ(81.2464, 77.3445, 58.2086)

Have a look what the booklet for
XYZ(81.2464, 77.3445, 58.2086)
contains.

XYZ(74.8730, 74.0026, 57.9146)	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(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

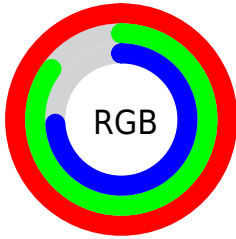
Format	Color
R _Y B	255, 236, 188
Decimal	16767164
CIE Lab	88.92, 9.52, 18.86
CIE LCh	89, 21.123, 63.213
Yxy	74.0026, 0.3621, 0.3579
Android (android.graphics.Color)	4294957244 (0xFFFFD8BC)
YUV	224.4690, -17.9792, 26.7757
Hunter-Lab	86.0248, 4.8169, 20.3014

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**.

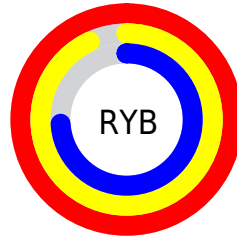
Distribution



Red (100%)

Green (85%)

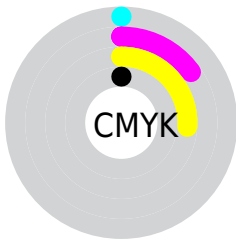
Blue (74%)



Red (100%)

Yellow (93%)

Blue (74%)

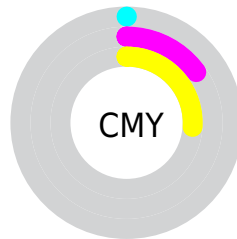


Cyan (0%)

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

0.9627

399.0345,
405.1388, 367.3971

■ 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



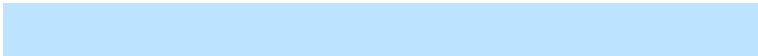
75.8750, 74.0026, 106.5729

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

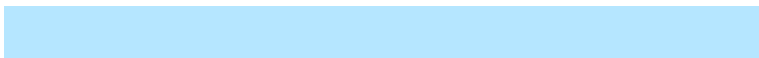
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



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

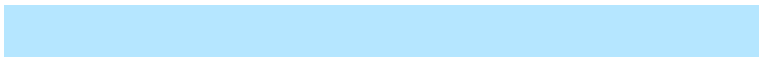
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8730, 74.0026, 57.9146



66.5237, 74.0026, 57.3198



65.9885, 74.0026, 108.4907



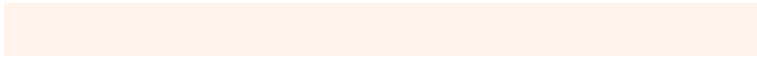
74.2939, 74.0026, 109.4002

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



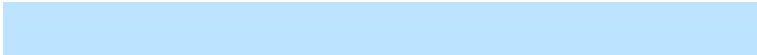
24.4131, 16.8375, 1.9632



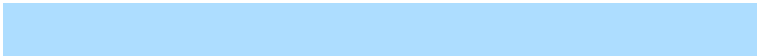
2.4820, 1.8494, 0.2262

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



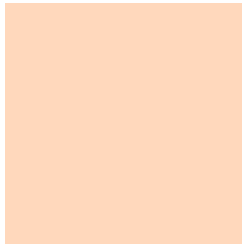
15.1498, 15.2091, 51.5718



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

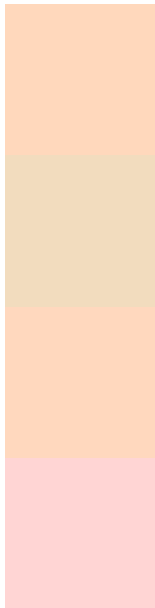
75.1998, 74.1333, 59.6359



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

74.8730, 74.0026, 57.9146

Protanomaly

71.5054, 73.7814, 59.1877

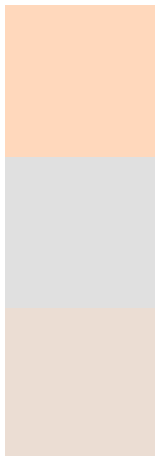
Deuteranomaly

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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