

Converting Colors

XYZ(84.9826, 76.3657, 58.0736)

Have a look what the booklet for
XYZ(84.9826, 76.3657, 58.0736)
contains.

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Color

**XYZ(72.8730, 70.0026,
57.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0BC
RGB	255, 208, 188
RGB Percent	100%, 82%, 74%
CMY	0.0000, 0.1843, 0.2627
CMYK	0.00, 0.18, 0.26, 0.00
HSL	18°, 100%, 87%
HSV	18°, 26%, 100%
XYZ	72.8730, 70.0026, 57.2480
YIQ	219.7730, 34.4320, 3.7440

Conversions

Conversions Part 2

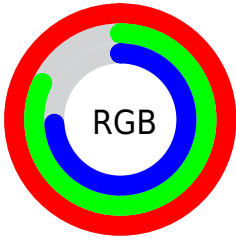
Format	Color
R _Y B	255, 217, 188
Decimal	16765116
CIE Lab	87.00, 13.67, 16.16
CIE LCh	87, 21.167, 49.772
Yxy	70.0026, 0.3641, 0.3498
Android (android.graphics.Color)	4294955196 (0xFFFFD0BC)
YUV	219.7730, -15.6641, 30.8941
Hunter-Lab	83.6676, 9.0522, 17.9992

Details

The XYZ color **72.8730, 70.0026, 57.2480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4964, 77.3256, 105.9229**, and the grayscale version is **67.9596, 71.4988, 77.8622**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **38.9547, 36.7308, 27.9583** is the 20% darker color. If you saturate the color by 10%, you get **66.2458, 60.7655, 42.6541**, and if you desaturate by 10%, it is **80.4811, 80.4238, 74.5667**.

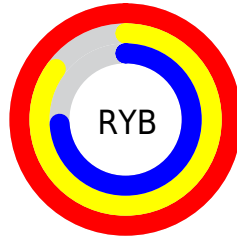
Distribution



Red (100%)

Green (82%)

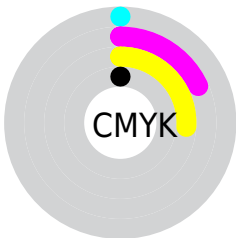
Blue (74%)



Red (100%)

Yellow (85%)

Blue (74%)

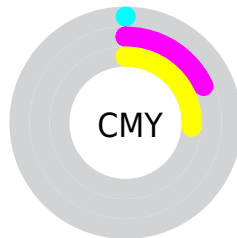


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8730, 70.0026, 57.2480 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 72.8730, 70.0026, 57.2480 by changing the saturation by 10% instead.


 72.8730, 70.0026,
57.2480

 72.8730, 70.0026,
57.2480


459.6851,
460.5591, 431.8977

 54.1601, 51.5287,
40.7937

 122.3010,
119.2125, 102.3309

 38.9609, 36.6295,
27.8394

153.7468,
150.7172, 131.7966

 26.9099, 24.9208,
17.9667


190.1677,
187.3343, 166.4364

 17.6418, 16.0180,
10.7569

231.9290,
229.4481, 206.6690

 10.7912, 9.5369,
5.7915

279.3960,
277.4431, 252.9129

 5.9929, 5.0930,
2.6520

332.9342,

 2.8814, 2.3019,

331.7037, 305.5866

0.9191

392.9087,
392.6142, 365.1087

■ 1.0913, 0.7747,
0.0000

■ 0.0179, 0.0000,
0.0000

■ 72.8730, 70.0026,
57.2480

■ 72.8730, 70.0026,
57.2480

■ 66.2458, 60.7655,
42.6541

■ 80.4811, 80.4238,
74.5667

■ 60.5526, 52.6604,
30.6405

■ 89.1043, 92.0602,
94.7357

■ 55.7501, 45.6450,
21.0562

95.0500, 100.0000,
108.9000

■ 51.7891, 39.6706,
13.7321

■ 48.6154, 34.6845,
8.4773

■ 46.1670, 30.6286,
5.0689

■ 44.3703, 27.4373,
3.2302

■ 43.8340, 26.4481,
2.7947

Harmonies

Analogous

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



75.8992, 70.0026, 67.3678



72.8730, 70.0026, 57.2480



68.2397, 70.0026, 52.4215

Triad

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



72.8730, 70.0026, 57.2480



57.6022, 70.0026, 71.4827



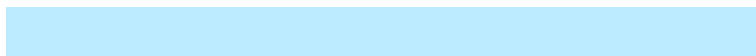
69.8069, 70.0026, 104.8547

Complementary

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



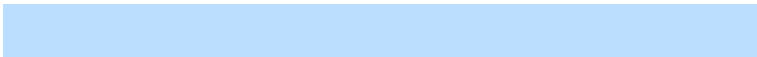
72.8730, 70.0026, 57.2480



68.4964, 77.3256, 105.9229

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.



64.8597, 70.0026, 106.3131



72.8730, 70.0026, 57.2480



57.9753, 70.0026, 85.8175

Square

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



72.8730, 70.0026, 57.2480



59.5307, 70.0026, 59.9384



60.5763, 70.0026, 98.9813



74.0690, 70.0026, 95.2137

Rectangle

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



72.8730, 70.0026, 57.2480



64.9332, 70.0026, 52.3921



60.5763, 70.0026, 98.9813



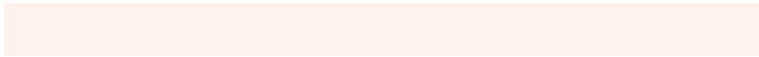
68.1637, 70.0026, 106.3602

Sweetspot

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



72.8747, 70.0057, 57.2494



87.5416, 89.9629, 91.0453



74.3664, 63.2843, 87.6655



18.4514, 18.8710, 18.8143



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.



72.8747, 70.0057, 57.2494



68.9619, 64.5732, 48.5676



81.6200, 87.4963, 60.1645



18.4514, 18.8710, 18.8143



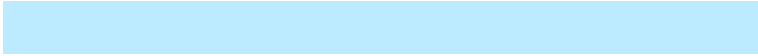
23.0171, 14.0454, 1.4979



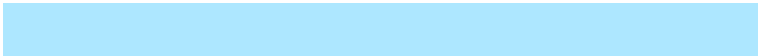
2.3316, 1.5485, 0.1760

Inverse Universe

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



68.4964, 77.3256, 105.9229



63.8462, 73.0979, 105.3520



60.0317, 60.3961, 103.1013



18.0701, 19.5118, 23.0637



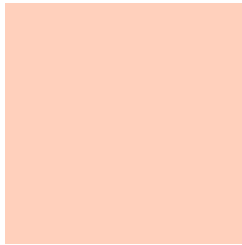
17.9768, 20.8631, 52.5141



1.8459, 2.2224, 5.1450

Previews

White Background



This preview shows how the XYZ color 72.8730, 70.0026, 57.2480 looks on a white background.

Color Contrast Check

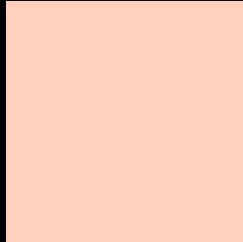
Large Text (above 18pt) WCAG AA × Fail

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 72.8730, 70.0026, 57.2480 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 72.8730, 70.0026, 57.2480

Background



This preview shows how black text looks on a background with the XYZ color 72.8730, 70.0026, 57.2480.



This preview shows how white text looks on a background with the XYZ color 72.8730, 70.0026,

57.2480.

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

72.8730, 70.0026, 57.2480

Protanopia

66.4334, 69.9699, 60.4562

Deuteranopia

71.5480, 70.0480, 57.3266



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

72.8730, 70.0026, 57.2480

Protanomaly

68.7104, 70.0319, 59.1863

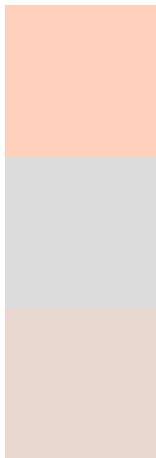
Deuteranomaly

72.0224, 69.9272, 57.2783

Tritanomaly

74.6965, 69.9567, 69.2406

Monochromacy



Original Color

72.8730, 70.0026, 57.2480

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.5453, 70.9894, 69.7114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8730, 70.0026, 57.2480 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, 208, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 188) }
```

Border

The CSS property to change the border of an element to XYZ 72.8730, 70.0026, 57.2480 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, 208, 188) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 208, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 208, 188); box-shadow:4px 4px 4px 4px rgb(255, 208, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8730, 70.0026, 57.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 188) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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