

Converting Colors

XYZ(73.1337, 69.5033, 60.4822)

Have a look what the booklet for
XYZ(73.1337, 69.5033, 60.4822)
contains.

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Color

**XYZ(73.0489, 69.2977,
60.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEC2
RGB	255, 206, 194
RGB Percent	100%, 81%, 76%
CMY	0.0000, 0.1921, 0.2392
CMYK	0.00, 0.19, 0.24, 0.00
HSL	12°, 100%, 88%
HSV	12°, 24%, 100%
XYZ	73.0489, 69.2977, 60.5646
YIQ	219.2830, 33.0560, 6.6560

Conversions

Conversions Part 2

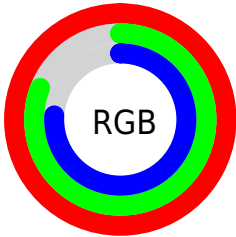
Format	Color
R _Y B	255, 209, 194
Decimal	16764610
CIE Lab	86.65, 15.53, 12.50
CIE LCh	87, 19.941, 38.832
Yxy	69.2977, 0.3600, 0.3415
Android (android.graphics.Color)	4294954690 (0xFFFFCEC2)
YUV	219.2830, -12.4645, 31.3238
Hunter-Lab	83.2452, 10.9572, 15.1356

Details

The XYZ color **73.0489, 69.2977, 60.5646** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3476, 82.7878, 106.7743**, and the grayscale version is **67.5977, 71.1180, 77.4475**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **38.9878, 36.2202, 29.7473** is the 20% darker color. If you saturate the color by 10%, you get **65.8137, 59.0239, 45.2152**, and if you desaturate by 10%, it is **81.4215, 81.0593, 78.7191**.

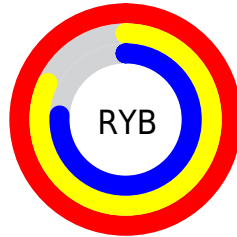
Distribution



Red (100%)

Green (81%)

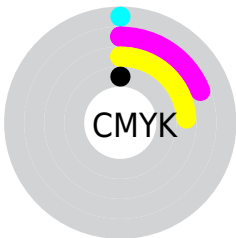
Blue (76%)



Red (100%)

Yellow (82%)

Blue (76%)

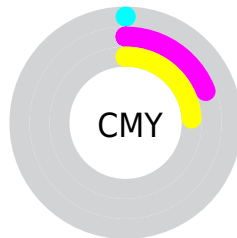


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0489, 69.2977, 60.5646 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 73.0489, 69.2977, 60.5646 by changing the saturation by 10% instead.


 73.0489, 69.2977,
60.5646

 73.0489, 69.2977,
60.5646

460.2854,
458.0802, 444.5380

 54.3045, 50.9542,
43.4456


 122.5494,
118.2067, 107.1996

 39.0768, 36.1722,
29.9009

154.0361,
149.5409, 137.5528

 27.0004, 24.5672,
19.5120


190.5011,
185.9743, 173.1543

 17.7101, 15.7549,
11.8603

232.3095,
227.8910, 214.4229

 10.8405, 9.3509,
6.5272

279.8268,
275.6756, 261.7770

 6.0262, 4.9707,
3.0943

333.4183,

 2.9018, 2.2301,

329.7124, 315.6352

1.1430

393.4494,
390.3858, 376.4161

■ 1.1021, 0.7363,
0.0000

■ 0.0268, 0.0000,
0.0000

■ 73.0489, 69.2977,
60.5646

■ 73.0489, 69.2977,
60.5646

■ 65.8137, 59.0239,
45.2152

■ 81.4215, 81.0593,
78.7191

■ 59.6610, 50.1692,
32.5263

■ 90.9730, 94.3554,
99.8050

■ 54.5391, 42.6734,
22.3469

95.0500, 100.0000,
108.9000

■ 50.3896, 36.4683,
14.5088

■ 47.1483, 31.4794,
8.8233

■ 44.7425, 27.6247,
5.0719

■ 43.0873, 24.8108,
2.9889

■ 42.3886, 23.5571,
2.3129

Harmonies

Analogous

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



75.0628, 69.2977, 71.6050



73.0489, 69.2977, 60.5646



69.1337, 69.2977, 54.0816

Triad

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



73.0489, 69.2977, 60.5646



57.9051, 69.2977, 66.6134



67.2422, 69.2977, 103.5650

Complementary

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



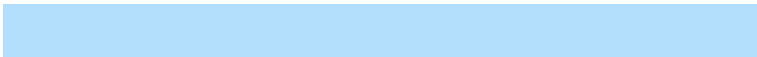
73.0489, 69.2977, 60.5646



72.3476, 82.7878, 106.7743

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.



62.7017, 69.2977, 101.8230



73.0489, 69.2977, 60.5646



57.4518, 69.2977, 79.4373

Square

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



73.0489, 69.2977, 60.5646



60.4377, 69.2977, 57.2787



59.1690, 69.2977, 92.6019



71.6086, 69.2977, 97.1156

Rectangle

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



73.0489, 69.2977, 60.5646



66.0471, 69.2977, 52.7191



59.1690, 69.2977, 92.6019



65.6840, 69.2977, 103.9324

Sweetspot

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



73.0506, 69.3008, 60.5660



87.9036, 90.0945, 92.9927



76.8335, 66.3648, 94.2024



18.6891, 19.1089, 19.6256



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.



73.0506, 69.3008, 60.5660



69.2363, 63.8996, 52.4277



80.8823, 84.9641, 63.1766



18.2987, 18.5657, 18.7634



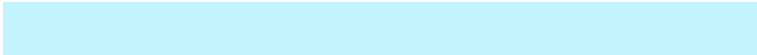
22.2304, 12.4721, 1.2357



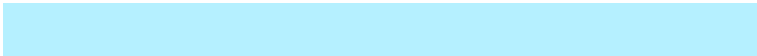
2.2363, 1.3580, 0.1443

Inverse Universe

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



72.3476, 82.7878, 106.7743



68.4094, 79.6330, 106.3729



64.1728, 66.4380, 104.0493



18.2333, 19.8382, 23.1181



20.9230, 26.7555, 53.4962



2.1111, 2.7528, 5.2334

Previews

White Background



This preview shows how the XYZ color 73.0489, 69.2977, 60.5646 looks on a white background.

Color Contrast Check

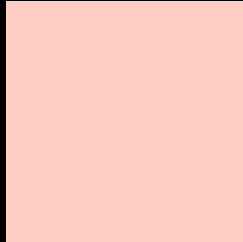
Large Text (above 18pt) WCAG AA × Fail

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 73.0489, 69.2977, 60.5646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

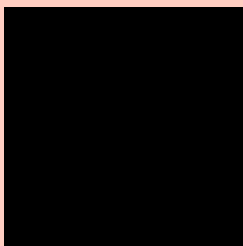
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0489, 69.2977, 60.5646

Background



This preview shows how black text looks on a background with the XYZ color 73.0489, 69.2977, 60.5646.



This preview shows how white text looks on a background with the XYZ color 73.0489, 69.2977,

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

73.0489, 69.2977, 60.5646

Protanopia

65.9160, 69.2428, 63.9239

Deuteranopia

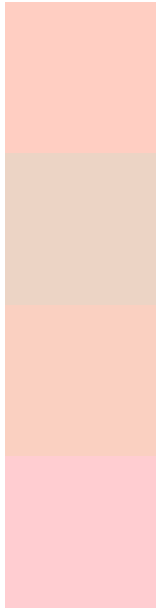
70.7839, 69.2253, 60.0832



Tritanopia

75.4878, 69.5077, 75.7674

Trichromacy



Original Color

73.0489, 69.2977, 60.5646

Protanomaly

68.2136, 68.9511, 62.5370

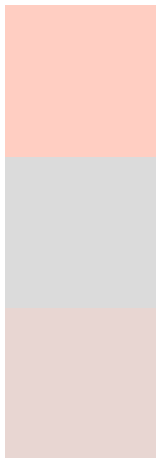
Deuteranomaly

71.6059, 69.2860, 60.0516

Tritanomaly

74.5799, 69.5261, 69.8107

Monochromacy



Original Color

73.0489, 69.2977, 60.5646

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.9581, 69.9021, 70.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0489, 69.2977, 60.5646 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, 206, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 194)  
}
```

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, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 194) }
```

Border

The CSS property to change the border of an element to XYZ 73.0489, 69.2977, 60.5646 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, 206, 194) }
```


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

```
.border{ border-color:rgb(255, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0489, 69.2977, 60.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 194) }
```

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

```
.background{ background-color: rgb(255,  
206, 194) }
```

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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