

Converting Colors

XYZ(99.8353, 82.7893, 69.0068)

Have a look what the booklet for
XYZ(99.8353, 82.7893, 69.0068)
contains.

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Color

**XYZ(74.4519, 69.8588,
67.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCECE
RGB	255, 206, 206
RGB Percent	100%, 81%, 81%
CMY	0.0000, 0.1921, 0.1922
CMYK	0.00, 0.19, 0.19, 0.00
HSL	0°, 100%, 90%
HSV	0°, 19%, 100%
XYZ	74.4519, 69.8588, 67.9526
YIQ	220.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

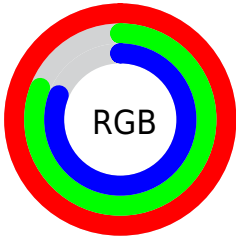
Format	Color
R _Y B	255, 206, 206
Decimal	16764622
CIE Lab	86.93, 17.26, 6.55
CIE LCh	87, 18.457, 20.776
Yxy	69.8588, 0.3508, 0.3291
Android (android.graphics.Color)	4294954702 (0xFFFFCECE)
YUV	220.6510, -7.2229, 30.1241
Hunter-Lab	83.5816, 12.7346, 10.3038

Details

The XYZ color **74.4519, 69.8588, 67.9526** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2626, 91.8591, 108.1607**, and the grayscale version is **68.5186, 72.0870, 78.5027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1844, 36.7292, 34.6773** is the 20% darker color. If you saturate the color by 10%, you get **65.9535, 57.4239, 51.0562**, and if you desaturate by 10%, it is **84.4519, 84.4921, 87.8307**.

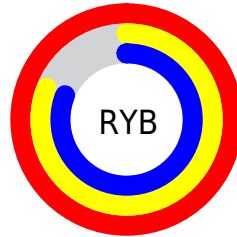
Distribution



Red (100%)

Green (81%)

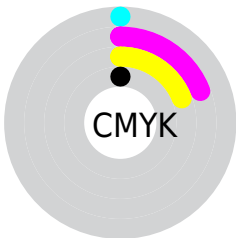
Blue (81%)



Red (100%)

Yellow (81%)

Blue (81%)

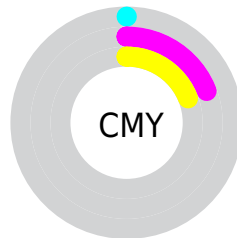


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4519, 69.8588, 67.9526 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 74.4519, 69.8588, 67.9526 by changing the saturation by 10% instead.

 74.4519, 69.8588,
67.9526

 74.4519, 69.8588,
67.9526


465.0578,
460.0541, 471.9216

 55.4566, 51.4114,
49.3927

124.5283,
119.0074, 117.9379

 40.0027, 36.5361,
34.5633

156.3400,
150.4774, 150.2004

 27.7249, 24.8486,
23.0458


193.1546,
187.0570, 187.8676

 18.2577, 15.9643,
14.4217

235.3374,
229.1307, 231.3579

 11.2360, 9.4989,
8.2725

283.2538,
277.0829, 281.0899

 6.2943, 5.0680,
4.1795

337.2691,

 3.0672, 2.2872,

331.2979, 337.4821

1.7243

397.7486,
392.1602, 400.9532

■ 1.1894, 0.7669,
0.3773

■ 0.0980, 0.0000,
0.0000

■ 74.4519, 69.8588,
67.9526

■ 74.4519, 69.8588,
67.9526

■ 65.9535, 57.4239,
51.0562

■ 84.4519, 84.4921,
87.8307

■ 58.8797, 47.0729,
36.9937

95.0500, 100.0000,
108.9000

■ 53.1539, 38.6944,
25.6113

■ 48.6906, 32.1633,
16.7390

■ 45.3945, 27.3399,
10.1869

■ 43.1567, 24.0651,
5.7388

■ 41.8477, 22.1495,
3.1373

■ 41.2729, 21.3083,
1.9951

■ 41.2403, 21.2605,
1.9301

Harmonies

Analogous

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



74.9188, 69.8588, 79.9322



74.4519, 69.8588, 67.9526



71.7779, 69.8588, 59.1205

Triad

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



74.4519, 69.8588, 67.9526



60.1837, 69.8588, 62.0223



65.0792, 69.8588, 101.9775

Complementary

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



74.4519, 69.8588, 67.9526



79.2626, 91.8591, 108.1607

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.



61.2952, 69.8588, 95.9708



74.4519, 69.8588, 67.9526



58.5503, 69.8588, 72.3233

Square

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



74.4519, 69.8588, 67.9526



63.5024, 69.8588, 55.9626



58.9482, 69.8588, 84.7973



69.3818, 69.8588, 100.4815

Rectangle

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



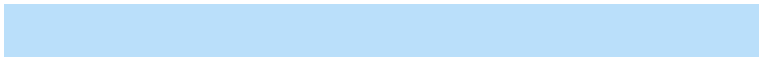
74.4519, 69.8588, 67.9526



69.1647, 69.8588, 55.7836



58.9482, 69.8588, 84.7973



63.7074, 69.8588, 100.7466

Sweetspot

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



74.4535, 69.8618, 67.9540



87.9959, 89.6780, 94.8763



81.3617, 72.6233, 104.3372



18.6778, 18.9651, 19.9955



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

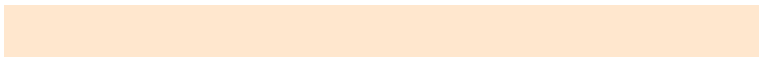
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4535, 69.8618, 67.9540



71.0639, 64.9019, 61.2155



80.8171, 82.5891, 70.0752



18.0096, 17.9874, 18.6670



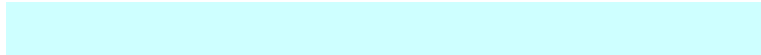
21.5490, 11.1092, 1.0085



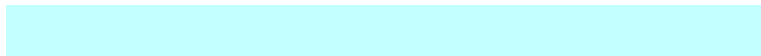
2.0982, 1.0818, 0.0982

Inverse Universe

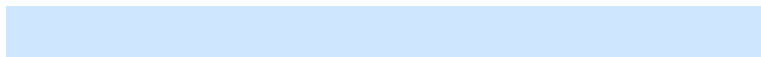
The Inverse Universe completely reimagines the original color for something new.



79.2626, 91.8591, 108.1607



76.6644, 90.5193, 108.0391



71.9404, 77.2148, 105.7200



18.5548, 20.4812, 23.2253



28.1130, 41.1356, 55.8928



2.7373, 4.0053, 5.4421

Previews

White Background



This preview shows how the XYZ color 74.4519, 69.8588, 67.9526 looks on a white background.

Color Contrast Check

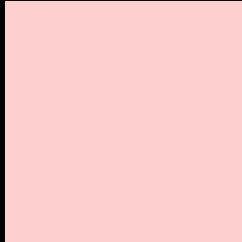
Large Text (above 18pt) WCAG AA × Fail

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 74.4519, 69.8588, 67.9526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

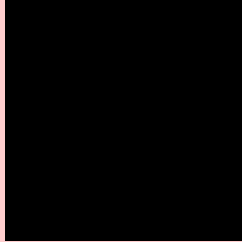
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4519, 69.8588, 67.9526

Background



This preview shows how black text looks on a background with the XYZ color 74.4519, 69.8588, 67.9526.



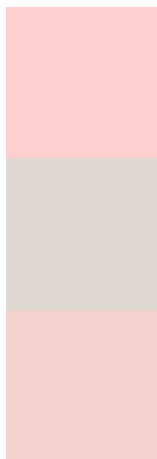
This preview shows how white text looks on a background with the XYZ color 74.4519, 69.8588,

67.9526.

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

74.4519, 69.8588, 67.9526

Protanopia

67.1279, 70.0671, 72.2736

Deuteranopia

71.3743, 69.7341, 67.4558



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

74.4519, 69.8588, 67.9526

Protanomaly

69.6881, 69.9038, 70.7926

Deuteranomaly

72.5313, 69.9652, 67.4394

Tritanomaly

75.3371, 69.8289, 73.7976

Monochromacy



Original Color

74.4519, 69.8588, 67.9526

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5548, 71.3932, 75.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4519, 69.8588, 67.9526 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, 206)` looks like.

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

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, 206) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 74.4519, 69.8588, 67.9526 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, 206) }
```


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

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

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, 206)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 74.4519, 69.8588, 67.9526 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, 206) }
```

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

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

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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