

Converting Colors

XYZ(88.4885, 74.6728, 70.4926)

Have a look what the booklet for
XYZ(88.4885, 74.6728, 70.4926)
contains.

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Color

**XYZ(73.2963, 66.7600,
69.9956)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D2
RGB	255, 199, 210
RGB Percent	100%, 78%, 82%
CMY	0.0000, 0.2196, 0.1765
CMYK	0.00, 0.22, 0.18, 0.00
HSL	348°, 100%, 89%
HSV	348°, 22%, 100%
XYZ	73.2963, 66.7600, 69.9956
YIQ	216.9980, 29.8450, 15.2930

Conversions

Conversions Part 2

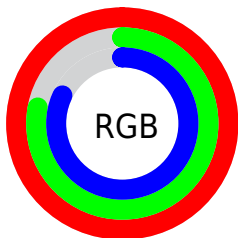
Format	Color
R_{YB}	255, 199, 210
Decimal	16762834
CIE _{Lab}	85.38, 21.52, 2.19
CIE _{LCh}	85, 21.629, 5.804
Yxy	66.7600, 0.3489, 0.3178
Android (android.graphics.Color)	4294952914 (0xFFFFC7D2)
YUV	216.9980, -3.4500, 33.3278
Hunter-Lab	81.7068, 17.1392, 6.4029

Details

The XYZ color **73.2963, 66.7600, 69.9956** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6447, 90.1949, 99.0142**, and the grayscale version is **65.9620, 69.3971, 75.5735**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4149, 34.6569, 36.0645** is the 20% darker color. If you saturate the color by 10%, you get **65.5215, 55.0379, 55.6041**, and if you desaturate by 10%, it is **82.3843, 80.5848, 86.4395**.

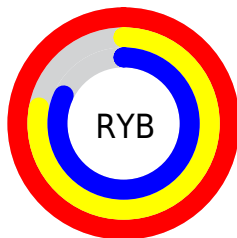
Distribution



Red (100%)

Green (78%)

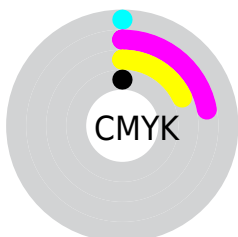
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

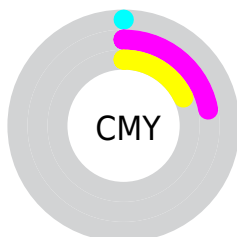


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2963, 66.7600, 69.9956 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 73.2963, 66.7600, 69.9956 by changing the saturation by 10% instead.


 73.2963, 66.7600,
69.9956

 73.2963, 66.7600,
69.9956


461.1290,
449.0900, 479.3233

 54.5075, 48.8896,
51.0462


122.8986,
114.5764, 120.8835

 39.2398, 34.5319,
35.8684


154.4429,
145.2913, 153.6591

 27.1279, 23.3025,
24.0437


190.9697,
181.0564, 191.8805

 17.8064, 14.8171,
15.1535

232.8443,
222.2562, 235.9662

 10.9099, 8.6911,
8.7794

280.4322,
269.2751, 286.3348

 6.0731, 4.5402,
4.5027


334.0988,


 2.9307, 1.9801,


322.4974, 343.4048


1.9050


394.2092,
382.3076, 407.5948


 1.1172, 0.5959,
0.4959


 0.0394, 0.0000,
0.0000


 73.2963, 66.7600,
69.9956


 73.2963, 66.7600,
69.9956

 65.5215, 55.0379,
55.6041


 82.3843, 80.5848,
86.4395

 58.9938, 45.3069,
43.1798

 92.8380, 96.5992,
105.0083

 53.6487, 37.4584,
32.6372

95.0500, 100.0000,
108.9000

 49.4136, 31.3698,
23.8832

■ 46.2078, 26.9040,
16.8163

■ 43.9394, 23.9033,
11.3244

■ 42.4989, 22.1783,
7.2810

■ 41.8173, 21.4909,
4.9700

Harmonies

Analogous

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



72.4415, 66.7600, 84.3204



73.2963, 66.7600, 69.9956



71.4058, 66.7600, 58.0195

Triad

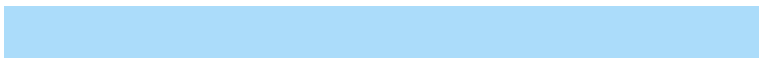
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2963, 66.7600, 69.9956



58.0994, 66.7600, 52.9283



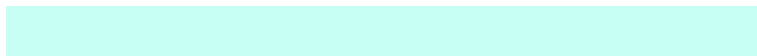
59.6694, 66.7600, 100.1864

Complementary

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



73.2963, 66.7600, 69.9956



75.6447, 90.1949, 99.0142

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.



56.1145, 66.7600, 89.6466



73.2963, 66.7600, 69.9956



55.2412, 66.7600, 62.1820

Square

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



73.2963, 66.7600, 69.9956



62.5054, 66.7600, 49.0138



54.5336, 66.7600, 75.4533



64.4109, 66.7600, 102.9765

Rectangle

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



73.2963, 66.7600, 69.9956



68.8975, 66.7600, 52.5776



54.5336, 66.7600, 75.4533



58.3039, 66.7600, 97.3715

Sweetspot

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



73.2979, 66.7629, 69.9970



87.3933, 88.2456, 95.3762



75.7141, 67.2672, 103.6010



18.5714, 18.6823, 20.1755



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

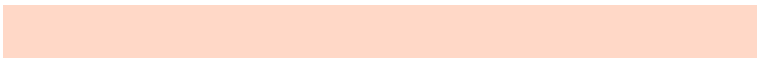
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2979, 66.7629, 69.9970



70.0005, 61.7772, 63.9376



76.0553, 74.3953, 64.3878



18.1551, 18.0454, 19.4341



21.8915, 11.2459, 2.8131



2.1677, 1.1095, 0.4646

Inverse Universe

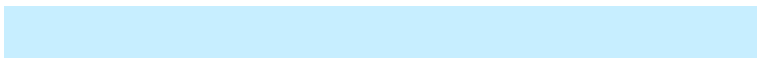
The Inverse Universe completely reimagines the original color for something new.



73.2979, 66.7629, 69.9970



70.0005, 61.7772, 63.9376



72.2382, 80.6296, 106.3635



18.1551, 18.0454, 19.4341



21.8915, 11.2459, 2.8131



2.1677, 1.1095, 0.4646

Previews

White Background



This preview shows how the XYZ color 73.2963, 66.7600, 69.9956 looks on a white background.

Color Contrast Check

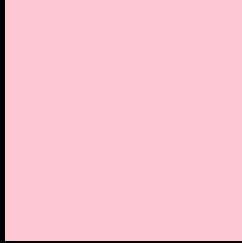
Large Text (above 18pt) WCAG AA × Fail

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 73.2963, 66.7600, 69.9956 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 73.2963, 66.7600, 69.9956

Background



This preview shows how black text looks on a background with the XYZ color 73.2963, 66.7600, 69.9956.



This preview shows how white text looks on a background with the XYZ color 73.2963, 66.7600,

69.9956.

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

73.2963, 66.7600, 69.9956

Protanopia

64.7680, 67.2494, 75.8965

Deuteranopia

68.4135, 67.0620, 69.6601



Tritanopia

73.8010, 66.9619, 72.6535

Trichromacy



Original Color

73.2963, 66.7600, 69.9956

Protanomaly

67.4547, 66.8410, 73.6363

Deuteranomaly

70.0636, 66.8439, 69.5310

Tritanomaly

73.6737, 66.9109, 71.9829

Monochromacy



Original Color

73.2963, 66.7600, 69.9956

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.1392, 67.9372, 73.1402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2963, 66.7600, 69.9956 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, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 210)  
}
```

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, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.2963, 66.7600, 69.9956 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, 199, 210) }
```


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

```
.border{ border-color:rgb(255, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 199, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 199, 210); box-shadow:4px 4px 4px 4px rgb(255, 199, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2963, 66.7600, 69.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 210) }
```

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

```
.background{ background-color: rgb(255,  
199, 210) }
```

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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