

Converting Colors

XYZ(73.7302, 69.2564, 65.1205)

Have a look what the booklet for
XYZ(73.7302, 69.2564, 65.1205)
contains.

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Color

**XYZ(73.7320, 69.1869,
65.3454)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDCA
RGB	255, 205, 202
RGB Percent	100%, 80%, 79%
CMY	0.0000, 0.1961, 0.2078
CMYK	0.00, 0.20, 0.21, 0.00
HSL	3°, 100%, 90%
HSV	3°, 21%, 100%
XYZ	73.7320, 69.1869, 65.3454
YIQ	219.6080, 30.7630, 9.6670

Conversions

Conversions Part 2

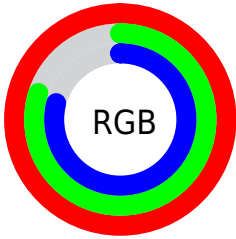
Format	Color
R _Y B	255, 205, 202
Decimal	16764362
CIE Lab	86.60, 17.19, 8.19
CIE LCh	87, 19.044, 25.473
Yxy	69.1869, 0.3540, 0.3322
Android (android.graphics.Color)	4294954442 (0xFFFFCDCA)
YUV	219.6080, -8.6807, 31.0388
Hunter-Lab	83.1787, 12.6650, 11.6467

Details

The XYZ color **73.7320, 69.1869, 65.3454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2164, 89.3946, 107.7929**, and the grayscale version is **67.7993, 71.3302, 77.6785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7006, 36.2771, 32.9267** is the 20% darker color. If you saturate the color by 10%, you get **65.6403, 57.4427, 48.9628**, and if you desaturate by 10%, it is **83.2105, 82.9059, 84.6532**.

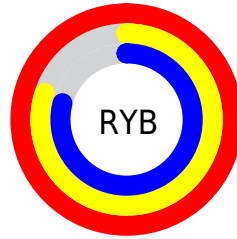
Distribution



Red (100%)

Green (80%)

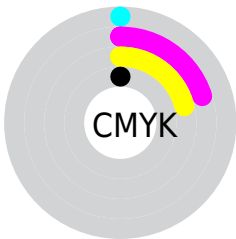
Blue (79%)



Red (100%)

Yellow (80%)

Blue (79%)

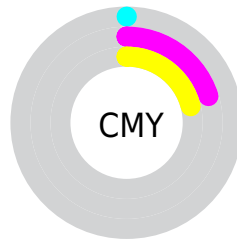


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7320, 69.1869, 65.3454 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 73.7320, 69.1869, 65.3454 by changing the saturation by 10% instead.

 73.7320, 69.1869,
65.3454

 73.7320, 69.1869,
65.3454

462.6125,
457.6899, 462.3723

 54.8652, 50.8639,
47.2881


123.5134,
118.0485, 114.1643

 39.5272, 36.1003,
32.9075


155.1587,
149.3559, 145.7630

 27.3527, 24.5117,
21.7850


191.7942,
185.7602, 182.7126

 17.9762, 15.7136,
13.5022

233.7853,
227.6459, 225.4315

 11.0325, 9.3217,
7.6405

281.4973,
275.3973, 274.3384

 6.1562, 4.9516,
3.7813

335.2956,

 2.9818, 2.2189,

329.3989, 329.8518

1.5062

395.5456,
390.0349, 392.3903

■ 1.1442, 0.7303,
0.2225

■ 0.0616, 0.0000,
0.0000

■ 73.7320, 69.1869,
65.3454

■ 73.7320, 69.1869,
65.3454

■ 65.6403, 57.4427,
48.9628

■ 83.2105, 82.9059,
84.6532

■ 58.8657, 47.5737,
35.3589

■ 94.1314, 98.6750,
107.0146

■ 53.3399, 39.4857,
24.3806

■ 95.0500, 100.0000,
108.9000

■ 48.9865, 33.0724,
15.8587

■ 45.7207, 28.2165,
9.6041

■ 43.4461, 24.7852,
5.4001

■ 42.0497, 22.6239,
2.9878

■ 41.4033, 21.5865,
1.9844

Harmonies

Analogous

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



74.5981, 69.1869, 77.2696



73.7320, 69.1869, 65.3454



70.6939, 69.1869, 57.0127

Triad

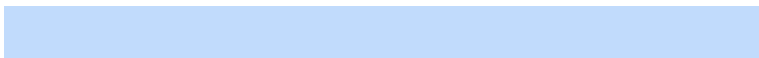
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7320, 69.1869, 65.3454



59.0062, 69.1869, 62.3663



65.0918, 69.1869, 102.2844

Complementary

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



73.7320, 69.1869, 65.3454



77.2164, 89.3946, 107.7929

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.



61.0613, 69.1869, 97.2087



73.7320, 69.1869, 65.3454



57.6492, 69.1869, 73.4285

Square

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



73.7320, 69.1869, 65.3454



62.1735, 69.1869, 55.4326



58.3845, 69.1869, 86.2892



69.4820, 69.1869, 99.5029

Rectangle

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



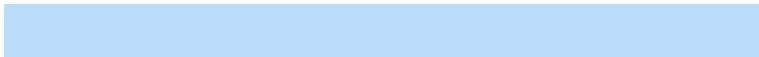
73.7320, 69.1869, 65.3454



67.9142, 69.1869, 54.1489



58.3845, 69.1869, 86.2892



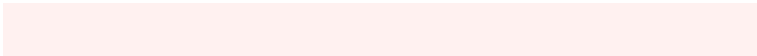
63.6519, 69.1869, 101.4260

Sweetspot

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



73.7336, 69.1899, 65.3468



88.2510, 90.1882, 94.9614



79.9871, 70.5522, 101.7888



18.7378, 19.0852, 20.0155



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

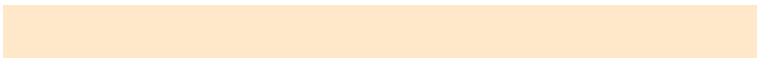
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7336, 69.1899, 65.3468



70.1562, 64.0020, 58.0906



80.5189, 82.7605, 67.6086



18.0920, 18.1522, 18.6945



21.6667, 11.3446, 1.0478



2.1374, 1.1601, 0.1113

Inverse Universe

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



77.2164, 89.3946, 107.7929



74.2166, 87.5644, 107.5977



69.5633, 74.0884, 105.2418



18.4615, 20.2945, 23.1942



25.8351, 36.5798, 55.1335



2.5413, 3.6133, 5.3768

Previews

White Background



This preview shows how the XYZ color 73.7320, 69.1869, 65.3454 looks on a white background.

Color Contrast Check

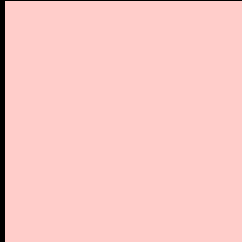
Large Text (above 18pt) WCAG AA × Fail

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 73.7320, 69.1869, 65.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

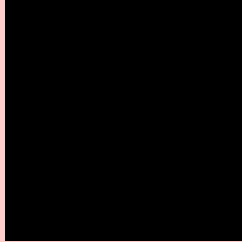
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7320, 69.1869, 65.3454

Background



This preview shows how black text looks on a background with the XYZ color 73.7320, 69.1869, 65.3454.



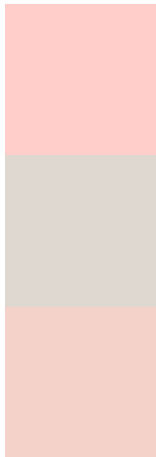
This preview shows how white text looks on a background with the XYZ color 73.7320, 69.1869,

65.3454.

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

73.7320, 69.1869, 65.3454

Protanopia

66.3725, 69.3538, 69.5629

Deuteranopia

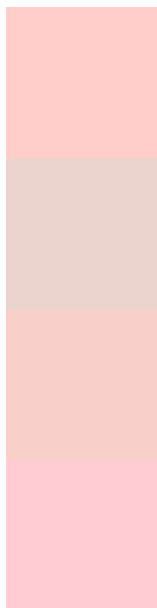
70.6513, 69.0511, 64.8628



Tritanopia

75.2508, 69.0338, 75.6884

Trichromacy



Original Color

73.7320, 69.1869, 65.3454

Protanomaly

68.9450, 69.2054, 68.1167

Deuteranomaly

71.8099, 69.2853, 64.8469

Tritanomaly

74.7165, 69.1992, 71.7061

Monochromacy



Original Color

73.7320, 69.1869, 65.3454

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.9150, 70.7286, 72.9179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7320, 69.1869, 65.3454 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, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 202)  
}
```

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, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 202) }
```

Border

The CSS property to change the border of an element to XYZ 73.7320, 69.1869, 65.3454 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, 205, 202) }
```


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

```
.border{ border-color:rgb(255, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7320, 69.1869, 65.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 202) }
```

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

```
.background{ background-color: rgb(255,  
205, 202) }
```

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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