

Converting Colors

XYZ(72.3534, 66.5765, 64.4814)

Have a look what the booklet for
XYZ(72.3534, 66.5765, 64.4814)
contains.

XYZ(72.4369, 66.7856, 64.3314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.4369, 66.7856,
64.3314)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C9
RGB	255, 200, 201
RGB Percent	100%, 78%, 79%
CMY	0.0000, 0.2157, 0.2118
CMYK	0.00, 0.22, 0.21, 0.00
HSL	359°, 100%, 89%
HSV	359°, 22%, 100%
XYZ	72.4369, 66.7856, 64.3314
YIQ	216.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

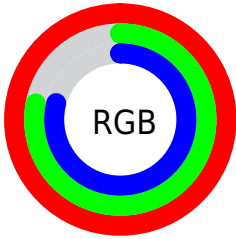
Format	Color
R _Y B	255, 200, 201
Decimal	16763081
CIE Lab	85.40, 19.66, 7.00
CIE LCh	85, 20.871, 19.588
Yxy	66.7856, 0.3559, 0.3281
Android (android.graphics.Color)	4294953161 (0xFFFFC8C9)
YUV	216.5590, -7.6706, 33.7128
Hunter-Lab	81.7225, 15.2040, 10.5330

Details

The XYZ color **72.4369, 66.7856, 64.3314** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4712, 90.9563, 107.2431**, and the grayscale version is **65.6882, 69.1091, 75.2598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5713, 34.5347, 32.2367** is the 20% darker color. If you saturate the color by 10%, you get **64.3068, 54.8612, 48.2550**, and if you desaturate by 10%, it is **82.0352, 80.8777, 83.2675**.

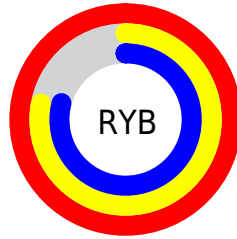
Distribution



Red (100%)

Green (78%)

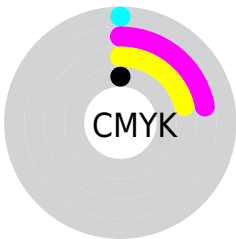
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

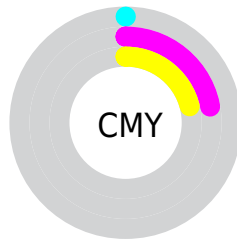


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4369, 66.7856, 64.3314 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 72.4369, 66.7856, 64.3314 by changing the saturation by 10% instead.

 72.4369, 66.7856,
64.3314

 72.4369, 66.7856,
64.3314


458.1949,
449.1812, 458.6257

 53.8024, 48.9104,
46.4712


121.6849,
114.6131, 112.6921

 38.6737, 34.5484,
32.2665


153.0292,
145.3343, 144.0298

 26.6856, 23.3152,
21.2986


189.3407,
181.1062, 180.6970

 17.4726, 14.8264,
13.1491

230.9848,
222.3133, 223.1123

 10.6694, 8.6977,
7.3994

278.3270,
269.3399, 271.6943

 5.9106, 4.5445,
3.6309

331.7325,

 2.8310, 1.9826,

322.5706, 326.8615

1.4251

391.5667,
382.3895, 389.0325

■ 1.0650, 0.5973,
0.1612

■ 0.0000, 0.0000,
0.0000

■ 72.4369, 66.7856,
64.3314

■ 72.4369, 66.7856,
64.3314

■ 64.3068, 54.8612,
48.2550

■ 82.0352, 80.8777,
83.2675

■ 57.5682, 44.9888,
34.8955

■ 93.1641, 97.2282,
105.1883

■ 52.1444, 37.0553,
24.1041

95.0500, 100.0000,
108.9000

■ 47.9497, 30.9331,
15.7162

■ 44.8881, 26.4796,
9.5479

■ 42.8492, 23.5305,
5.3889

■ 41.7010, 21.8885,
2.9886

■ 41.2653, 21.2701,
2.0631

Harmonies

Analogous

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



72.8488, 66.7856, 77.5276



72.4369, 66.7856, 64.3314



69.5577, 66.7856, 54.6355

Triad

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



72.4369, 66.7856, 64.3314



56.8021, 66.7856, 57.1066



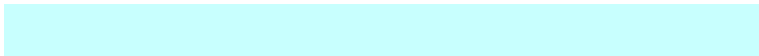
61.8482, 66.7856, 101.4600

Complementary

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



72.4369, 66.7856, 64.3314



77.4712, 90.9563, 107.2431

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.



57.7627, 66.7856, 94.4062



72.4369, 66.7856, 64.3314



54.9468, 66.7856, 68.1118

Square

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



72.4369, 66.7856, 64.3314



60.4774, 66.7856, 50.8368



55.2895, 66.7856, 81.8039



66.5756, 66.7856, 100.1195

Rectangle

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



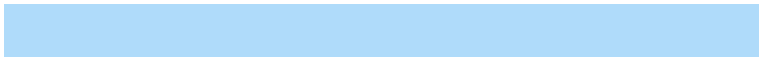
72.4369, 66.7856, 64.3314



66.7027, 66.7856, 50.9379



55.2895, 66.7856, 81.8039



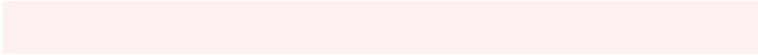
60.3584, 66.7856, 99.9609

Sweetspot

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



72.4385, 66.7885, 64.3328



88.0366, 89.6936, 95.0926



79.2745, 69.4454, 103.8338



18.6874, 18.9688, 20.0463



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

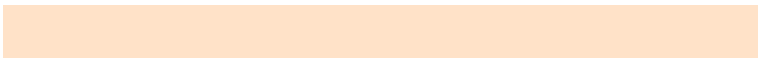
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4385, 66.7885, 64.3328



68.6564, 61.2396, 56.8596



78.7728, 79.6438, 65.8684



18.0227, 17.9924, 18.7368



21.5678, 11.1164, 1.1083



2.1045, 1.0842, 0.1315

Inverse Universe

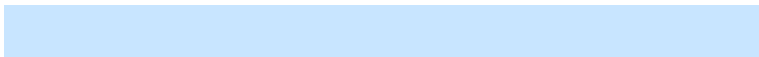
The Inverse Universe completely reimagines the original color for something new.



72.4385, 66.7885, 64.3328



68.6564, 61.2396, 56.8596



69.9835, 75.7251, 105.5356



18.0227, 17.9924, 18.7368



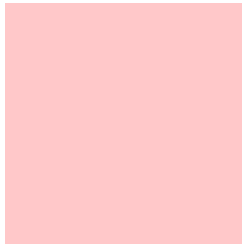
21.5678, 11.1164, 1.1083



2.1045, 1.0842, 0.1315

Previews

White Background



This preview shows how the XYZ color 72.4369, 66.7856, 64.3314 looks on a white background.

Color Contrast Check

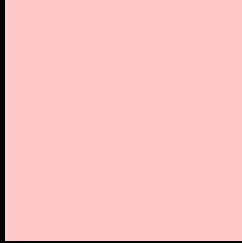
Large Text (above 18pt) WCAG AA × Fail

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 72.4369, 66.7856, 64.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

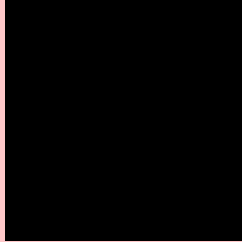
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4369, 66.7856, 64.3314

Background



This preview shows how black text looks on a background with the XYZ color 72.4369, 66.7856, 64.3314.

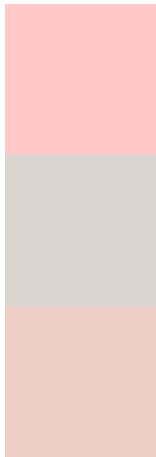


This preview shows how white text looks on a background with the XYZ color 72.4369, 66.7856,

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

72.4369, 66.7856, 64.3314

Protanopia

64.3928, 67.2026, 69.2520

Deuteranopia

68.0932, 66.6635, 63.9220



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

72.4369, 66.7856, 64.3314

Protanomaly

66.8540, 66.6753, 67.1036

Deuteranomaly

69.6744, 66.7683, 63.8589

Tritanomaly

73.1720, 66.7103, 69.3414

Monochromacy



Original Color

72.4369, 66.7856, 64.3314

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.0071, 68.2806, 71.2231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4369, 66.7856, 64.3314 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, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 201)  
}
```

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, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 201) }
```

Border

The CSS property to change the border of an element to XYZ 72.4369, 66.7856, 64.3314 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, 200, 201) }
```


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

```
.border{ border-color:rgb(255, 200, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4369, 66.7856, 64.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 201) }
```

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

```
.background{ background-color: rgb(255,  
200, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor