

Converting Colors

XYZ(72.2908, 66.3221, 64.8110)

Have a look what the booklet for
XYZ(72.2908, 66.3221, 64.8110)
contains.

XYZ(72.3241, 66.3711, 64.8761)	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(72.3241, 66.3711,
64.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7CA
RGB	255, 199, 202
RGB Percent	100%, 78%, 79%
CMY	0.0000, 0.2196, 0.2078
CMYK	0.00, 0.22, 0.21, 0.00
HSL	357°, 100%, 89%
HSV	357°, 22%, 100%
XYZ	72.3241, 66.3711, 64.8761
YIQ	216.0860, 32.4130, 12.8050

Conversions

Conversions Part 2

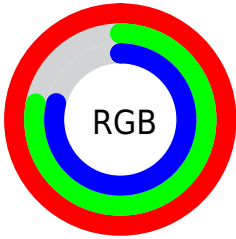
Format	Color
R _Y B	255, 199, 202
Decimal	16762826
CIE Lab	85.19, 20.33, 6.16
CIE LCh	85, 21.246, 16.861
Yxy	66.3711, 0.3553, 0.3260
Android (android.graphics.Color)	4294952906 (0xFFFFC7CA)
YUV	216.0860, -6.9444, 34.1276
Hunter-Lab	81.4685, 15.8946, 9.8133

Details

The XYZ color **72.3241, 66.3711, 64.8761** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8863, 90.6915, 105.5523**, and the grayscale version is **65.3606, 68.7644, 74.8845**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4967, 34.2592, 32.6007** is the 20% darker color. If you saturate the color by 10%, you get **64.3032, 54.5506, 49.1888**, and if you desaturate by 10%, it is **81.7782, 80.3423, 83.2478**.

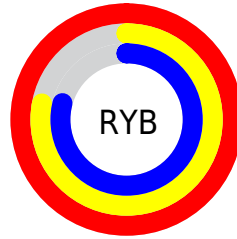
Distribution



Red (100%)

Green (78%)

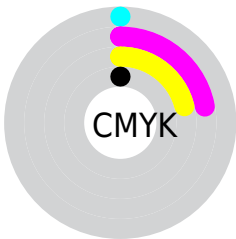
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

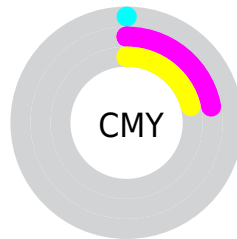


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3241, 66.3711, 64.8761 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 72.3241, 66.3711, 64.8761 by changing the saturation by 10% instead.


 72.3241, 66.3711,
64.8761

 72.3241, 66.3711,
64.8761


457.8090,
447.7029, 460.6406

 53.7099, 48.5737,
46.9099


121.5255,
114.0188, 113.4833

 38.5995, 34.2814,
32.6106

152.8434,
144.6379, 144.9614

 26.6276, 23.1099,
21.5596


189.1266,
180.2997, 181.7805

 17.4289, 14.6747,
13.3385

230.7404,
221.3886, 224.3592

 10.6380, 8.5914,
7.5286

278.0502,
268.2889, 273.1160

 5.8894, 4.4756,
3.7114

331.4213,

 2.8180, 1.9430,

321.3852, 328.4695

1.4684

391.2192,
381.0617, 390.8382

■ 1.0583, 0.5741,
0.1942

■ 0.0000, 0.0000,
0.0000

■ 72.3241, 66.3711,
64.8761

■ 72.3241, 66.3711,
64.8761

■ 64.3032, 54.5506,
49.1888

■ 81.7782, 80.3423,
83.2478

■ 57.6411, 44.7658,
36.0565

■ 92.7257, 96.5543,
104.4170

■ 52.2639, 36.9045,
25.3450

95.0500, 100.0000,
108.9000

■ 48.0887, 30.8399,
16.9064

■ 45.0229, 26.4300,
10.5765

■ 42.9604, 23.5117,
6.1692

■ 41.7744, 21.8884,
3.4656

■ 41.3168, 21.2907,
2.3347

Harmonies

Analogous

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



72.4940, 66.3711, 78.4362



72.3241, 66.3711, 64.8761



69.5997, 66.3711, 54.6624

Triad

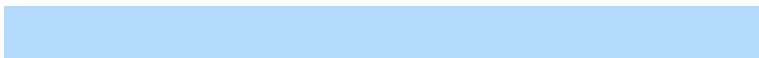
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3241, 66.3711, 64.8761



56.5930, 66.3711, 55.6752



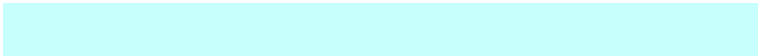
61.0113, 66.3711, 101.1479

Complementary

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



72.3241, 66.3711, 64.8761



76.8863, 90.6915, 105.5523

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.



56.9877, 66.3711, 93.2954



72.3241, 66.3711, 64.8761



54.5252, 66.3711, 66.4298

Square

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



72.3241, 66.3711, 64.8761



60.4474, 66.3711, 49.8298



54.6660, 66.3711, 80.1986



65.7957, 66.3711, 100.5936

Rectangle

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



72.3241, 66.3711, 64.8761



66.7762, 66.3711, 50.6057



54.6660, 66.3711, 80.1986



59.5299, 66.3711, 99.3657

Sweetspot

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



72.3257, 66.3740, 64.8775



87.0157, 88.0945, 93.3874



78.3548, 68.6286, 103.7246



18.4842, 18.6475, 19.7166



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

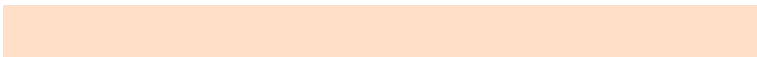
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3257, 66.3740, 64.8775



68.9149, 61.3430, 58.2207



78.0094, 78.3036, 65.0392



18.0488, 18.0028, 18.8739



21.6048, 11.1312, 1.3036



2.1168, 1.0891, 0.1966

Inverse Universe

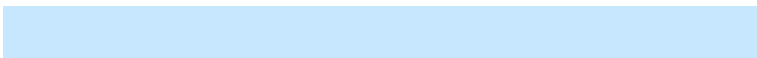
The Inverse Universe completely reimagines the original color for something new.



72.3257, 66.3740, 64.8775



68.9149, 61.3430, 58.2207



70.1069, 76.3671, 105.6530



18.0488, 18.0028, 18.8739



21.6048, 11.1312, 1.3036



2.1168, 1.0891, 0.1966

Previews

White Background



This preview shows how the XYZ color 72.3241, 66.3711, 64.8761 looks on a white background.

Color Contrast Check

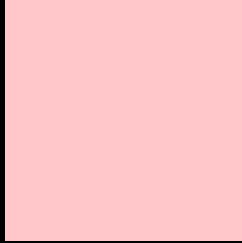
Large Text (above 18pt) WCAG AA × Fail

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 72.3241, 66.3711, 64.8761 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 72.3241, 66.3711, 64.8761

Background



This preview shows how black text looks on a background with the XYZ color 72.3241, 66.3711, 64.8761.



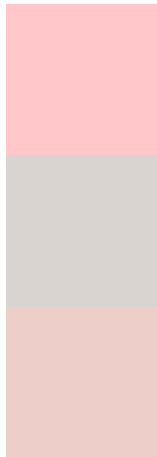
This preview shows how white text looks on a background with the XYZ color 72.3241, 66.3711,

64.8761.

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

72.3241, 66.3711, 64.8761

Protanopia

63.9655, 66.5958, 69.8045

Deuteranopia

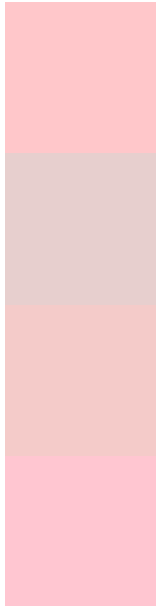
67.8738, 66.5368, 64.5239



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

72.3241, 66.3711, 64.8761

Protanomaly

66.4084, 66.0708, 67.6454

Deuteranomaly

69.2068, 66.1620, 64.3813

Tritanomaly

72.9427, 66.2516, 69.2649

Monochromacy



Original Color

72.3241, 66.3711, 64.8761

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.4376, 67.6193, 71.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3241, 66.3711, 64.8761 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 202) }
```

Border

The CSS property to change the border of an element to XYZ 72.3241, 66.3711, 64.8761 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, 202) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3241, 66.3711, 64.8761 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
199, 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](#).

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