

Converting Colors

XYZ(73.6406, 67.2917, 70.5943)

Have a look what the booklet for
XYZ(73.6406, 67.2917, 70.5943)
contains.

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Color

**XYZ(73.6521, 67.2717,
70.7309)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8D3
RGB	255, 200, 211
RGB Percent	100%, 78%, 83%
CMY	0.0000, 0.2157, 0.1725
CMYK	0.00, 0.22, 0.17, 0.00
HSL	348°, 100%, 89%
HSV	348°, 22%, 100%
XYZ	73.6521, 67.2717, 70.7309
YIQ	217.6990, 29.2490, 15.0810

Conversions

Conversions Part 2

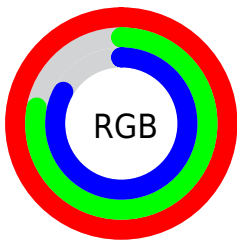
Format	Color
R_{YB}	255, 200, 211
Decimal	16763091
CIE _{Lab}	85.64, 21.15, 2.03
CIE _{LCh}	86, 21.243, 5.485
Yxy	67.2717, 0.3480, 0.3178
Android (android.graphics.Color)	4294953171 (0xFFFFC8D3)
YUV	217.6990, -3.3026, 32.7130
Hunter-Lab	82.0193, 16.7564, 6.2837

Details

The XYZ color **73.6521, 67.2717, 70.7309** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9109, 90.3322, 99.0267**, and the grayscale version is **66.4426, 69.9028, 76.1242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6534, 34.9979, 36.5636** is the 20% darker color. If you saturate the color by 10%, you get **65.8340, 55.4721, 56.2970**, and if you desaturate by 10%, it is **82.7831, 81.1769, 87.2057**.

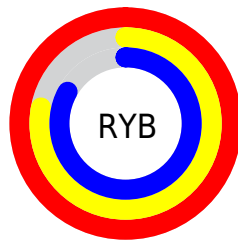
Distribution



Red (100%)

Green (78%)

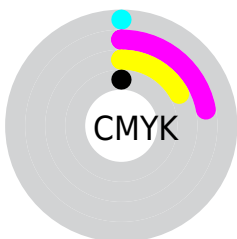
Blue (83%)



Red (100%)

Yellow (78%)

Blue (83%)

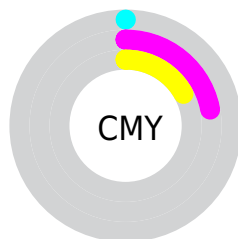


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6521, 67.2717, 70.7309 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 73.6521, 67.2717, 70.7309 by changing the saturation by 10% instead.


 73.6521, 67.2717,
70.7309

 73.6521, 67.2717,
70.7309


462.3407,
450.9113, 481.9705

 54.7996, 49.3055,
51.6421


123.4007,
115.3096, 121.9414

 39.4745, 34.8619,
36.3396


155.0274,
146.1501, 154.9001

 27.3115, 23.5565,
24.4048


191.6430,
182.0508, 193.3193

 17.9451, 15.0049,
15.4192

233.6128,
223.3961, 237.6175

 11.0100, 8.8229,
8.9643

281.3021,
270.5704, 288.2131

 6.1409, 4.6258,
4.6214

335.0763,

 2.9724, 2.0294,

323.9581, 345.5248

1.9721

395.3007,
383.9436, 409.9711

■ 1.1392, 0.6245,
0.5380

■ 0.0575, 0.0000,
0.0000

■ 73.6521, 67.2717,
70.7309

■ 73.6521, 67.2717,
70.7309

■ 65.8340, 55.4721,
56.2970

■ 82.7831, 81.1769,
87.2057

■ 59.2629, 45.6666,
43.8196

■ 93.2789, 97.2741,
105.7928

■ 53.8746, 37.7473,
33.2148

95.0500, 100.0000,
108.9000

■ 49.5970, 31.5920,
24.3906

■ 46.3502, 27.0644,
17.2471

■ 44.0428, 24.0080,
11.6742

■ 42.5668, 22.2348,
7.5475

■ 41.8372, 21.4989,
5.0747

Harmonies

Analogous

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



72.7810, 67.2717, 84.8654



73.6521, 67.2717, 70.7309



71.8161, 67.2717, 58.8476

Triad

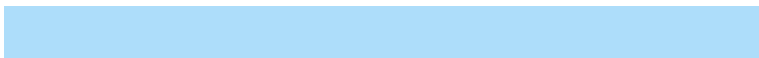
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6521, 67.2717, 70.7309



58.6912, 67.2717, 53.6281



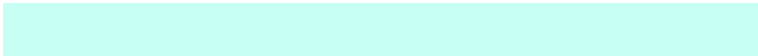
60.1576, 67.2717, 100.2545

Complementary

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



73.6521, 67.2717, 70.7309



75.9109, 90.3322, 99.0267

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.



56.6614, 67.2717, 89.8234



73.6521, 67.2717, 70.7309



55.8452, 67.2717, 62.7413

Square

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



73.6521, 67.2717, 70.7309



63.0549, 67.2717, 49.8031



55.1211, 67.2717, 75.8230



64.8328, 67.2717, 103.0907

Rectangle

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



73.6521, 67.2717, 70.7309



69.3560, 67.2717, 53.4184



55.1211, 67.2717, 75.8230



58.8131, 67.2717, 97.4609

Sweetspot

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



73.6538, 67.2747, 70.7323



88.4531, 89.8602, 97.2861



76.0144, 67.7647, 103.6813



18.7854, 19.0080, 20.5627



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

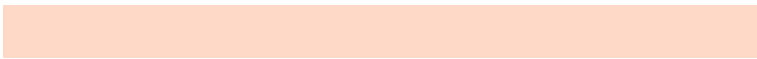
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6538, 67.2747, 70.7323



70.0286, 61.7884, 64.0851



76.3513, 74.8010, 65.0613



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8710



2.1691, 1.1100, 0.4722

Inverse Universe

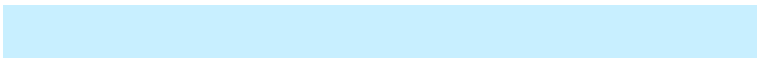
The Inverse Universe completely reimagines the original color for something new.



73.6538, 67.2747, 70.7323



70.0286, 61.7884, 64.0851



72.5919, 80.9419, 106.4051



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8710



2.1691, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 73.6521, 67.2717, 70.7309 looks on a white background.

Color Contrast Check

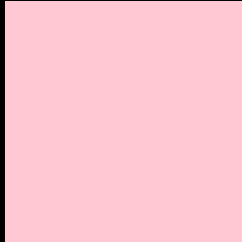
Large Text (above 18pt) WCAG AA × Fail

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 73.6521, 67.2717, 70.7309 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 73.6521, 67.2717, 70.7309

Background



This preview shows how black text looks on a background with the XYZ color 73.6521, 67.2717, 70.7309.



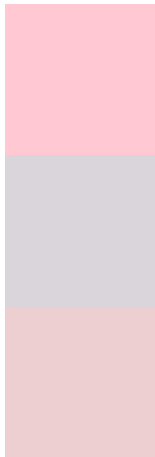
This preview shows how white text looks on a background with the XYZ color 73.6521, 67.2717,

70.7309.

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

73.6521, 67.2717, 70.7309

Protanopia

65.1957, 67.4547, 76.6017

Deuteranopia

68.8707, 67.2833, 70.3299



Tritanopia

74.1600, 67.4748, 73.4053

Trichromacy



Original Color

73.6521, 67.2717, 70.7309

Protanomaly

67.9055, 67.0585, 74.3303

Deuteranomaly

70.5340, 67.0720, 70.2014

Tritanomaly

74.0319, 67.4236, 72.7305

Monochromacy



Original Color

73.6521, 67.2717, 70.7309

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.5150, 68.4838, 73.8975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6521, 67.2717, 70.7309 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.6521, 67.2717, 70.7309 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, 211) }
```


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

```
.border{ border-color:rgb(255, 200, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6521, 67.2717, 70.7309 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
200, 211) }
```

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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