

Converting Colors

XYZ(73.3360, 66.7642, 71.4694)

Have a look what the booklet for
XYZ(73.3360, 66.7642, 71.4694)
contains.

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Color

**XYZ(73.1801, 66.6711,
71.2992)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC7D4
RGB	254, 199, 212
RGB Percent	100%, 78%, 83%
CMY	0.0039, 0.2196, 0.1686
CMYK	0.00, 0.22, 0.17, 0.00
HSL	346°, 96%, 89%
HSV	346°, 22%, 100%
XYZ	73.1801, 66.6711, 71.2992
YIQ	216.9270, 28.6070, 15.7030

Conversions

Conversions Part 2

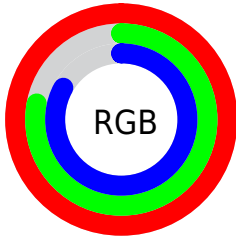
Format	Color
RYB	254, 199, 212
Decimal	16697300
CIELab	85.34, 21.47, 1.04
CIElCh	85, 21.496, 2.785
Yxy	66.6711, 0.3466, 0.3158
Android (android.graphics.Color)	4294887380 (0xFFFE7D4)
YUV	216.9270, -2.4290, 32.5130
Hunter-Lab	81.6524, 17.0871, 5.3844

Details

The XYZ color **73.1801, 66.6711, 71.2992** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8748, 89.3782, 96.5286**, and the grayscale version is **65.9073, 69.3396, 75.5108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2372, 34.5554, 36.5001** is the 20% darker color. If you saturate the color by 10%, you get **65.5148, 55.0236, 57.3881**, and if you desaturate by 10%, it is **82.1185, 80.3929, 87.0867**.

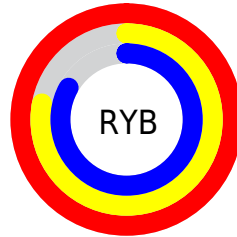
Distribution



Red (100%)

Green (78%)

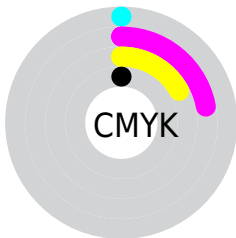
Blue (83%)



Red (100%)

Yellow (78%)

Blue (83%)

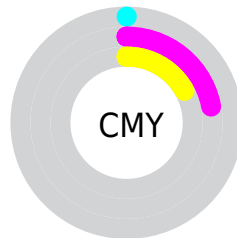


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1801, 66.6711, 71.2992 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 73.1801, 66.6711, 71.2992 by changing the saturation by 10% instead.


 73.1801, 66.6711,
71.2992

 73.1801, 66.6711,
71.2992


460.7329,
448.7731, 484.0105

 54.4121, 48.8174,
52.1031


122.7346,
114.4490, 122.7581

 39.1632, 34.4746,
36.7044

154.2519,
145.1420, 155.8579

 27.0680, 23.2585,
24.6847


190.7496,
180.8835, 194.4294

 17.7612, 14.7845,
15.6254

232.5932,
222.0580, 238.8911

 10.8773, 8.6683,
9.1080

280.1479,
269.0498, 289.6615

 6.0511, 4.5254,
4.7139

333.7792,

 2.9171, 1.9716,

322.2433, 347.1592

2.0246

393.8524,
382.0230, 411.8027

■ 1.1101, 0.5909,
0.5704

■ 0.0335, 0.0000,
0.0000

■ 73.1801, 66.6711,
71.2992

■ 73.1801, 66.6711,
71.2992

■ 65.5148, 55.0236,
57.3881

■ 82.1185, 80.3929,
87.0867

■ 59.0583, 45.3405,
45.2784

■ 92.3794, 96.2740,
104.8132

■ 53.7489, 37.5154,
34.8962

94.6833, 99.8110,
108.8828

■ 49.5173, 31.4282,
26.1607

■ 46.2862, 26.9445,
18.9844

■ 43.9677, 23.9100,
13.2710

■ 42.4573, 22.1397,
8.9125

■ 41.6895, 21.3974,
6.2107

Harmonies

Analogous

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



72.0581, 66.6711, 85.5490



73.1801, 66.6711, 71.2992



71.5639, 66.6711, 59.0301

Triad

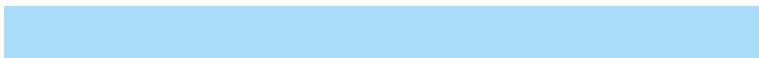
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1801, 66.6711, 71.2992



58.4368, 66.6711, 52.3178



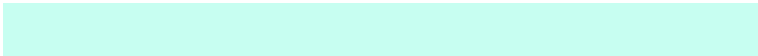
59.1860, 66.6711, 99.1228

Complementary

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



73.1801, 66.6711, 71.2992



74.8748, 89.3782, 96.5286

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.



55.8246, 66.6711, 88.0899



73.1801, 66.6711, 71.2992



55.4079, 66.6711, 61.0168

Square

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



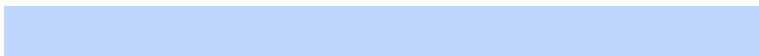
73.1801, 66.6711, 71.2992



62.9153, 66.6711, 48.9857



54.4763, 66.6711, 73.9034



63.8246, 66.6711, 102.7784

Rectangle

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



73.1801, 66.6711, 71.2992



69.1971, 66.6711, 53.2783



54.4763, 66.6711, 73.9034



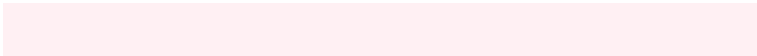
57.8774, 66.6711, 96.0899

Sweetspot

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



73.1820, 66.6741, 71.3006



88.5372, 89.8938, 97.7288



74.3351, 66.5748, 102.6989



18.8053, 19.0160, 20.6670



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.



73.1820, 66.6741, 71.3006



70.3163, 61.9035, 65.6002



74.9154, 72.6600, 64.1128



18.1853, 18.0574, 19.5927



22.0262, 11.2998, 3.5223



2.1848, 1.1163, 0.5547

Inverse Universe

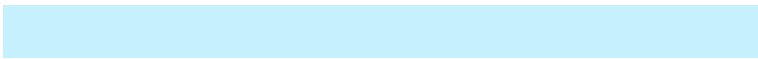
The Inverse Universe completely reimagines the original color for something new.



73.1820, 66.6741, 71.3006



70.3163, 61.9035, 65.6002



72.6786, 81.7674, 105.7186



18.1853, 18.0574, 19.5927



22.0262, 11.2998, 3.5223



2.1848, 1.1163, 0.5547

Previews

White Background



This preview shows how the XYZ color 73.1801, 66.6711, 71.2992 looks on a white background.

Color Contrast Check

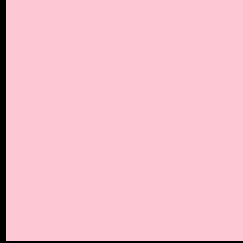
Large Text (above 18pt) WCAG AA × Fail

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 73.1801, 66.6711, 71.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

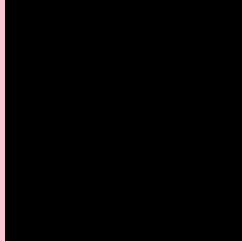
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1801, 66.6711, 71.2992

Background



This preview shows how black text looks on a background with the XYZ color 73.1801, 66.6711, 71.2992.



This preview shows how white text looks on a background with the XYZ color 73.1801, 66.6711,

71.2992.

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

73.1801, 66.6711, 71.2992

Protanopia

64.4861, 66.7013, 77.1860

Deuteranopia

68.3316, 66.9910, 70.9571



Tritanopia

73.4341, 66.7727, 72.6364

Trichromacy



Original Color

73.1801, 66.6711, 71.2992

Protanomaly

67.1503, 66.2934, 74.9023

Deuteranomaly

69.9687, 66.7661, 70.8274

Tritanomaly

73.3067, 66.7218, 71.9657

Monochromacy



Original Color

73.1801, 66.6711, 71.2992

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.9455, 67.8225, 73.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1801, 66.6711, 71.2992 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(254, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 212)  
}
```

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(254, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.1801, 66.6711, 71.2992 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(254, 199, 212) }
```


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

```
.border{ border-color:rgb(254, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1801, 66.6711, 71.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 212) }
```

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

```
.background{ background-color: rgb(254,  
199, 212) }
```

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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