

Converting Colors

XYZ(72.4443, 66.5155, 72.9936)

Have a look what the booklet for
XYZ(72.4443, 66.5155, 72.9936)
contains.

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Color

**XYZ(72.7037, 66.7241,
73.3371)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC8D7
RGB	251, 200, 215
RGB Percent	98%, 78%, 84%
CMY	0.0157, 0.2157, 0.1569
CMYK	0.00, 0.20, 0.14, 0.02
HSL	342°, 86%, 88%
HSV	342°, 20%, 98%
XYZ	72.7037, 66.7241, 73.3371
YIQ	216.9590, 25.5810, 15.4770

Conversions

Conversions Part 2

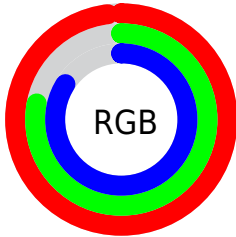
Format	Color
R _Y B	251, 200, 215
Decimal	16500951
CIE Lab	85.36, 20.36, -0.55
CIE LCh	85, 20.365, 358.457
Yxy	66.7241, 0.3417, 0.3136
Android (android.graphics.Color)	4294691031 (0xFFFB8D7)
YUV	216.9590, -0.9658, 29.8540
Hunter-Lab	81.6848, 15.9258, 3.9485

Details

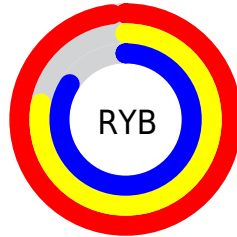
The XYZ color **72.7037, 66.7241, 73.3371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4596, 87.3316, 92.3461**, and the grayscale version is **65.9210, 69.3540, 75.5265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8722, 34.5652, 37.8807** is the 20% darker color. If you saturate the color by 10%, you get **65.2061, 55.1769, 60.2064**, and if you desaturate by 10%, it is **81.4060, 80.2845, 88.0876**.

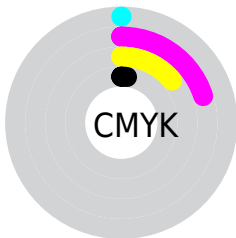
Distribution



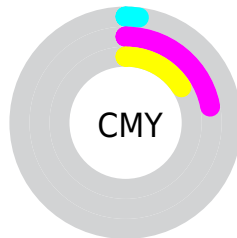
- Red (98%)
- Green (78%)
- Blue (84%)



- Red (98%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7037, 66.7241, 73.3371 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 72.7037, 66.7241, 73.3371 by changing the saturation by 10% instead.


 72.7037, 66.7241,
73.3371

 72.7037, 66.7241,
73.3371


459.1069,
448.9621, 491.2844

 54.0212, 48.8604,
53.7582


122.0619,
114.5250, 125.6810

 38.8494, 34.5088,
38.0165


153.4683,
145.2310, 159.2830

 26.8228, 23.2847,
25.6935


189.8468,
180.9866, 198.3965

 17.5761, 14.8039,
16.3708

231.5626,
222.1762, 243.4400

 10.7439, 8.6819,
9.6297

278.9812,
269.1841, 294.8319

 5.9609, 4.5343,
5.0518

332.4679,

 2.8618, 1.9767,

322.3948, 352.9910

2.2184

392.3880,
382.1927, 418.3356

■ 1.0811, 0.5939,
0.6850

■ 0.0092, 0.0000,
0.0000

■ 72.7037, 66.7241,
73.3371

■ 72.7037, 66.7241,
73.3371

■ 65.2061, 55.1769,
60.2064

■ 81.4060, 80.2845,
88.0876

■ 58.8531, 45.5377,
48.6346

■ 91.3581, 95.9386,
104.5075

■ 53.5881, 37.7053,
38.5630

■ 93.5940, 99.2494,
108.8319

■ 49.3470, 31.5657,
29.9273

■ 46.0588, 26.9916,
22.6583

■ 43.6428, 23.8375,
16.6803

■ 42.0038, 21.9301,
11.9090

■ 41.0136, 21.0012,
8.3367

Harmonies

Analogous

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



71.2814, 66.7241, 86.7641



72.7037, 66.7241, 73.3371



71.5398, 66.7241, 61.2086

Triad

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



72.7037, 66.7241, 73.3371



59.2867, 66.7241, 52.5316



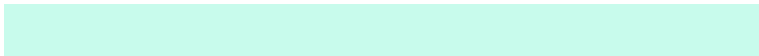
58.8922, 66.7241, 96.5173

Complementary

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



72.7037, 66.7241, 73.3371



73.4596, 87.3316, 92.3461

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.



55.9377, 66.7241, 85.4378



72.7037, 66.7241, 73.3371



56.1576, 66.7241, 60.1582

Square

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



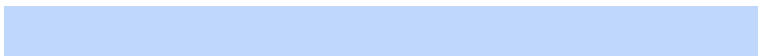
72.7037, 66.7241, 73.3371



63.6583, 66.7241, 50.1052



54.9609, 66.7241, 71.9696



63.1808, 66.7241, 101.1121

Rectangle

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



72.7037, 66.7241, 73.3371



69.4841, 66.7241, 55.2516



54.9609, 66.7241, 71.9696



57.7180, 66.7241, 93.3666

Sweetspot

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



72.7056, 66.7271, 73.3385



88.6712, 89.9474, 98.4346



72.5618, 66.0584, 100.1937



18.8369, 19.0286, 20.8334



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.



72.7056, 66.7271, 73.3385



72.3453, 64.4978, 70.7889



73.3073, 70.8743, 64.4637



17.4546, 17.3092, 18.9835



21.6133, 11.0610, 4.6719



2.0460, 1.0421, 0.6654

Inverse Universe

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



72.7056, 66.7271, 73.3385



72.3453, 64.4978, 70.7889



72.6305, 82.0387, 103.2746



17.4546, 17.3092, 18.9835



21.6133, 11.0610, 4.6719



2.0460, 1.0421, 0.6654

Previews

White Background



This preview shows how the XYZ color 72.7037, 66.7241, 73.3371 looks on a white background.

Color Contrast Check

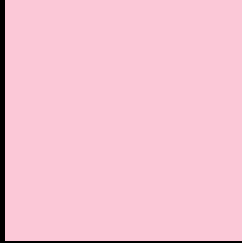
Large Text (above 18pt) WCAG AA × Fail

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 72.7037, 66.7241, 73.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

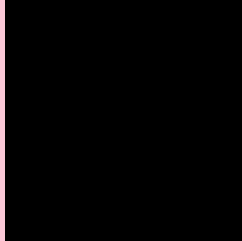
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7037, 66.7241, 73.3371

Background



This preview shows how black text looks on a background with the XYZ color 72.7037, 66.7241, 73.3371.



This preview shows how white text looks on a background with the XYZ color 72.7037, 66.7241,

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

72.7037, 66.7241, 73.3371

Protanopia

64.7526, 66.8080, 78.5896

Deuteranopia

68.3821, 66.9731, 72.9413



Tritanopia

72.7037, 66.7241, 73.3371

Trichromacy



Original Color

72.7037, 66.7241, 73.3371

Protanomaly

67.3370, 66.7202, 76.3471

Deuteranomaly

69.6656, 66.5660, 72.7951

Tritanomaly

72.7037, 66.7241, 73.3371

Monochromacy



Original Color

72.7037, 66.7241, 73.3371

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.0020, 68.2044, 74.5464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7037, 66.7241, 73.3371 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(251, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 200, 215)  
}
```

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(251, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 72.7037, 66.7241, 73.3371 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(251, 200, 215) }
```


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

```
.border{ border-color:rgb(251, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(251, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7037, 66.7241, 73.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 200, 215) }
```

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

```
.background{ background-color: rgb(251,  
200, 215) }
```

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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