

Converting Colors

XYZ(72.6723, 68.3490, 78.4697)

Have a look what the booklet for
XYZ(72.6723, 68.3490, 78.4697)
contains.

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Color

**XYZ(72.6723, 68.3490,
78.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CDDE
RGB	245, 205, 222
RGB Percent	96%, 80%, 87%
CMY	0.0392, 0.1961, 0.1294
CMYK	0.00, 0.16, 0.09, 0.04
HSL	335°, 67%, 88%
HSV	335°, 16%, 96%
XYZ	72.6723, 68.3490, 78.4697
YIQ	218.8980, 18.3830, 13.7670

Conversions

Conversions Part 2

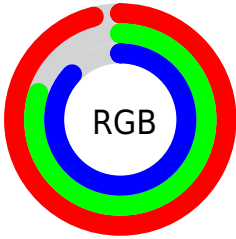
Format	Color
R_{YB}	245, 205, 222
Decimal	16109022
CIE _{Lab}	86.18, 16.77, -3.14
CIE _{LCh}	86, 17.065, 349.401
Yxy	68.3490, 0.3311, 0.3114
Android (android.graphics.Color)	4294299102 (0xFFF5CDDE)
YUV	218.8980, 1.5293, 22.8915
Hunter-Lab	82.6735, 12.2280, 1.5962

Details

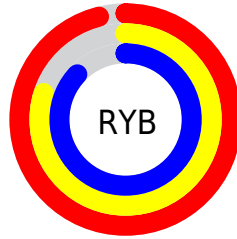
The XYZ color **72.6723, 68.3490, 78.4697** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8355, 83.8871, 85.8084**, and the grayscale version is **67.2437, 70.7456, 77.0419**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7807, 35.6146, 41.3896** is the 20% darker color. If you saturate the color by 10%, you get **65.4545, 56.8095, 67.1335**, and if you desaturate by 10%, it is **80.9695, 81.7930, 90.9458**.

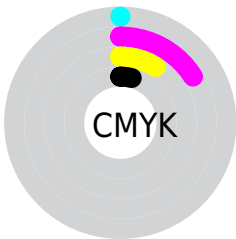
Distribution



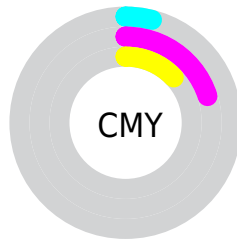
- Red (96%)
- Green (80%)
- Blue (87%)



- Red (96%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6723, 68.3490, 78.4697 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 72.6723, 68.3490, 78.4697 by changing the saturation by 10% instead.

72.6723, 68.3490,
78.4697

72.6723, 68.3490,
78.4697

458.9997,
454.7315, 509.3306

53.9955, 50.1817,
57.9412

122.0175,
116.8513, 133.0039

38.8287, 35.5578,
41.3470

153.4166,
147.9551, 167.8467

26.8066, 24.0929,
28.2686

189.7872,
184.1398, 208.2980

17.5639, 15.4025,
18.2874

231.4946,
225.7899, 254.7763

10.7351, 9.1024,
10.9849

278.9042,
273.2897, 307.7002

5.9550, 4.8080,
5.9427

332.3814,

2.8581, 2.1351,

327.0236, 367.4881

2.7420

392.2914,
387.3761, 434.5588

■ 1.0792, 0.6842,
0.9645

■ 0.0076, 0.0000,
0.0000

■ 72.6723, 68.3490,
78.4697

■ 72.6723, 68.3490,
78.4697

■ 65.4545, 56.8095,
67.1335

■ 80.9695, 81.7930,
90.9458

■ 59.2637, 47.0786,
56.8986

■ 90.3837, 97.2134,
104.5903

■ 54.0521, 39.0658,
47.7299

■ 91.4666, 98.1527,
108.7323

■ 49.7653, 32.6693,
39.5890

■ 46.3433, 27.7762,
32.4345

■ 43.7189, 24.2589,
26.2213

■ 41.8134, 21.9682,
20.8999

■ 40.5302, 20.7185,
16.4128

■ 40.1609, 20.4144,
14.9500

Harmonies

Analogous

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



70.8675, 68.3490, 89.3998



72.6723, 68.3490, 78.4697



72.3496, 68.3490, 67.4656

Triad

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



72.6723, 68.3490, 78.4697



62.4875, 68.3490, 55.8292



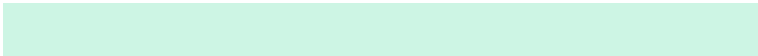
60.1725, 68.3490, 92.0779

Complementary

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



72.6723, 68.3490, 78.4697



71.8355, 83.8871, 85.8084

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.



58.0984, 68.3490, 81.8376



72.6723, 68.3490, 78.4697



59.3972, 68.3490, 61.2154

Square

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



72.6723, 68.3490, 78.4697



66.3626, 68.3490, 55.1230



57.8204, 68.3490, 70.5129



63.5846, 68.3490, 97.7657

Rectangle

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



72.6723, 68.3490, 78.4697



70.9751, 68.3490, 61.5202



57.8204, 68.3490, 70.5129



59.3016, 68.3490, 89.0086

Sweetspot

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



72.6743, 68.3520, 78.4711



89.9584, 91.6699, 101.4899



70.2045, 66.6980, 95.5609



19.1070, 19.3800, 21.5057



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

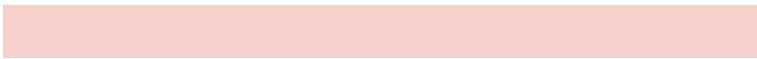
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6743, 68.3520, 78.4711



76.5154, 69.9187, 81.1787



71.1527, 68.7727, 67.2855



16.7914, 16.5994, 18.6479



21.7012, 11.0239, 8.4009



1.9576, 0.9890, 1.0031

Inverse Universe

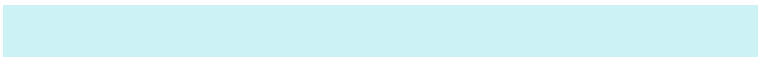
The Inverse Universe completely reimagines the original color for something new.



72.6743, 68.3520, 78.4711



76.5154, 69.9187, 81.1787



73.5119, 83.2763, 98.5865



16.7914, 16.5994, 18.6479



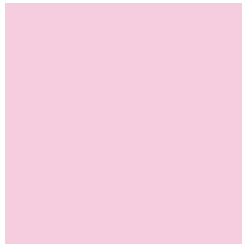
21.7012, 11.0239, 8.4009



1.9576, 0.9890, 1.0031

Previews

White Background



This preview shows how the XYZ color 72.6723, 68.3490, 78.4697 looks on a white background.

Color Contrast Check

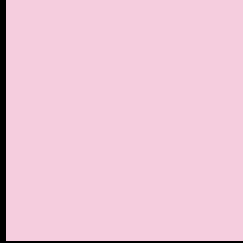
Large Text (above 18pt) WCAG AA × Fail

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 72.6723, 68.3490, 78.4697 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 72.6723, 68.3490, 78.4697

Background



This preview shows how black text looks on a background with the XYZ color 72.6723, 68.3490, 78.4697.

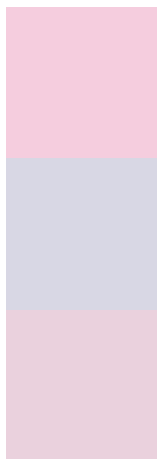


This preview shows how white text looks on a background with the XYZ color 72.6723, 68.3490,

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

72.6723, 68.3490, 78.4697

Protanopia

66.6229, 68.8012, 83.1674

Deuteranopia

69.7833, 68.3138, 77.9145



Tritanopia

72.5387, 68.2956, 77.7658

Trichromacy



Original Color

72.6723, 68.3490, 78.4697

Protanomaly

68.7003, 68.4104, 81.5351

Deuteranomaly

70.8669, 68.5094, 77.8952

Tritanomaly

72.5387, 68.2956, 77.7658

Monochromacy



Original Color

72.6723, 68.3490, 78.4697

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.9597, 69.7544, 77.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6723, 68.3490, 78.4697 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(245, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(245, 205, 222)  
}
```

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(245, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 72.6723, 68.3490, 78.4697 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(245, 205, 222) }
```


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

```
.border{ border-color:rgb(245, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 205, 222); box-shadow:4px 4px 4px 4px rgb(245, 205, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6723, 68.3490, 78.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 205, 222) }
```

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

```
.background{ background-color: rgb(245,  
205, 222) }
```

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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