

Converting Colors

XYZ(84.3530, 89.3654, 72.1661)

Have a look what the booklet for
XYZ(84.3530, 89.3654, 72.1661)
contains.

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Color

**XYZ(84.3773, 89.3183,
72.4675)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2D0
RGB	255, 242, 208
RGB Percent	100%, 95%, 82%
CMY	0.0000, 0.0510, 0.1843
CMYK	0.00, 0.05, 0.18, 0.00
HSL	43°, 100%, 91%
HSV	43°, 18%, 100%
XYZ	84.3773, 89.3183, 72.4675
YIQ	242.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

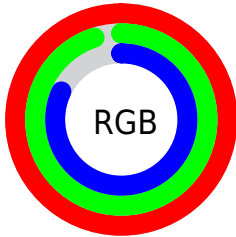
Format	Color
R _Y B	226, 255, 208
Decimal	16773840
CIE Lab	95.71, -0.98, 17.99
CIE LCh	96, 18.017, 93.117
Yxy	89.3183, 0.3428, 0.3628
Android (android.graphics.Color)	4294963920 (0xFFFFF2D0)
YUV	242.0110, -16.7674, 11.3914
Hunter-Lab	94.5084, -6.0244, 20.6932

Details

The XYZ color **84.3773, 89.3183, 72.4675** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.9183, 72.3408, 104.8858**, and the grayscale version is **84.5268, 88.9288, 96.8434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6803, 49.4567, 37.6576** is the 20% darker color. If you saturate the color by 10%, you get **79.4313, 84.0497, 56.5652**, and if you desaturate by 10%, it is **89.9129, 94.9581, 91.0571**.

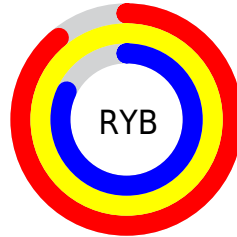
Distribution



Red (100%)

Green (95%)

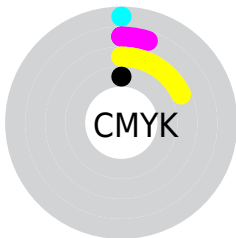
Blue (82%)



Red (89%)

Yellow (100%)

Blue (82%)

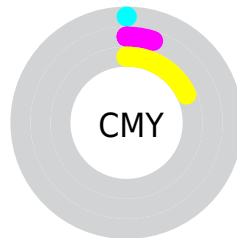


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (5%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3773, 89.3183, 72.4675 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 84.3773, 89.3183, 72.4675 by changing the saturation by 10% instead.

 84.3773, 89.3183,
72.4675

 84.3773, 89.3183,
72.4675


498.0801,
525.8108, 488.1884

 63.6477, 67.4154,
53.0515


138.4214,
146.3911, 124.4349

 46.6260, 49.4223,
37.4559


172.4666,
182.3298, 157.8233

 32.9468, 34.9546,
25.2621


211.6811,
223.7159, 196.7063

 22.2448, 23.6279,
16.0516

256.4302,
270.9337, 241.5023

 14.1545, 15.0578,
9.4060

307.0793,
324.3678, 292.6300

 8.3106, 8.8600,
4.9065

363.9938,

 4.3478, 4.6500,

384.4024, 350.5079

2.1347

427.5389,
451.4219, 415.5545

■ 1.9007, 2.0434,
0.6363

■ 0.5773, 0.6325,
0.0000

■ 84.3773, 89.3183,
72.4675

■ 84.3773, 89.3183,
72.4675

■ 79.4313, 84.0497,
56.5652

■ 89.9129, 94.9581,
91.0571

■ 75.0435, 79.1295,
43.2175

95.0500, 100.0000,
108.9000

■ 71.1893, 74.5492,
32.2889

■ 67.8391, 70.2956,
23.6291

■ 64.9603, 66.3540,
17.0708

■ 62.5158, 62.7082,
12.4236

■ 60.4619, 59.3390,
9.4621

■ 58.7378, 56.2206,
7.8708

■ 58.4843, 55.7487,
7.6781

Harmonies

Analogous

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



89.2766, 89.3183, 74.8849



84.3773, 89.3183, 72.4675



79.7937, 89.3183, 76.1384

Triad

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



84.3773, 89.3183, 72.4675



77.1605, 89.3183, 112.9380



93.6807, 89.3183, 110.1222

Complementary

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



84.3773, 89.3183, 72.4675



69.9183, 72.3408, 104.8858

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.



90.2079, 89.3183, 121.9482



84.3773, 89.3183, 72.4675



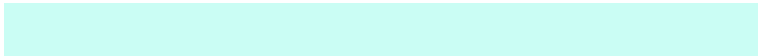
80.6579, 89.3183, 123.6818

Square

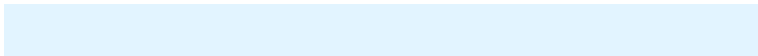
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3773, 89.3183, 72.4675



75.7302, 89.3183, 98.7439



85.4135, 89.3183, 127.1280



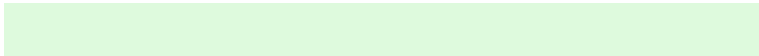
94.7696, 89.3183, 95.7761

Rectangle

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



84.3773, 89.3183, 72.4675



77.4980, 89.3183, 81.7749



85.4135, 89.3183, 127.1280



92.7469, 89.3183, 114.5692

Sweetspot

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



84.3794, 89.3221, 72.4694



91.3490, 96.3842, 95.9940



76.8899, 71.6101, 78.3986



19.4691, 20.5477, 20.2592



0.0000, 0.0000, 0.0000



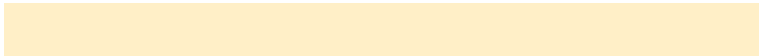
20.3446, 21.4041, 23.3091

Same Dimension

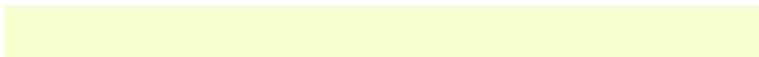
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3794, 89.3221, 72.4694



82.5473, 87.3991, 66.4910



84.7378, 95.4538, 73.6340



19.1117, 20.1916, 19.0344



30.6911, 29.3933, 4.0559



3.0800, 3.0454, 0.4255

Inverse Universe

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



69.9183, 72.3408, 104.8858



65.7272, 67.6495, 104.2012



69.5751, 67.2666, 103.9245



17.4117, 18.1950, 22.8442



10.6990, 6.3075, 50.0882



1.1286, 0.7879, 4.9059

Previews

White Background



This preview shows how the XYZ color 84.3773, 89.3183, 72.4675 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 84.3773, 89.3183, 72.4675 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 84.3773, 89.3183, 72.4675

Background



This preview shows how black text looks on a background with the XYZ color 84.3773, 89.3183, 72.4675.



This preview shows how white text looks on a background with the XYZ color 84.3773, 89.3183,

72.4675.

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

84.3773, 89.3183, 72.4675

Protanopia

84.3773, 89.3183, 72.4675

Deuteranopia

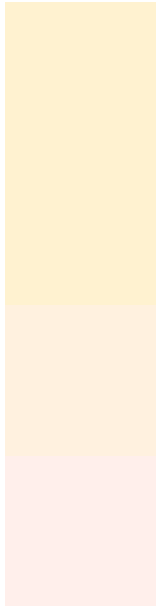
86.9656, 89.4064, 89.0175



Tritanopia

89.0699, 89.3112, 102.9868

Trichromacy



Original Color

84.3773, 89.3183, 72.4675

Protanomaly

84.3773, 89.3183, 72.4675

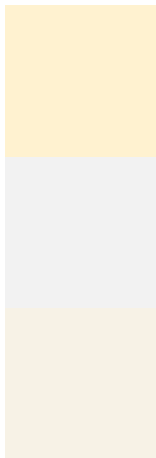
Deuteranomaly

86.0146, 89.4983, 82.5535

Tritanomaly

87.1019, 88.9912, 91.1835

Monochromacy



Original Color

84.3773, 89.3183, 72.4675

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.3928, 88.9916, 87.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3773, 89.3183, 72.4675 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, 242, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 208)  
}
```

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, 242, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 208) }
```

Border

The CSS property to change the border of an element to XYZ 84.3773, 89.3183, 72.4675 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, 242, 208) }
```


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

```
.border{ border-color:rgb(255, 242, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3773, 89.3183, 72.4675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 208) }
```

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

```
.background{ background-color: rgb(255,  
242, 208) }
```

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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