

Converting Colors

XYZ(84.4296, 89.2057, 73.1550)

Have a look what the booklet for
XYZ(84.4296, 89.2057, 73.1550)
contains.

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Color

**XYZ(84.5008, 89.3677,
73.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2D1
RGB	255, 242, 209
RGB Percent	100%, 95%, 82%
CMY	0.0000, 0.0510, 0.1804
CMYK	0.00, 0.05, 0.18, 0.00
HSL	43°, 100%, 91%
HSV	43°, 18%, 100%
XYZ	84.5008, 89.3677, 73.1176
YIQ	242.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

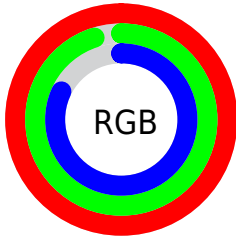
Format	Color
R_{YB}	227, 255, 209
Decimal	16773841
CIE Lab	95.73, -0.83, 17.51
CIE LCh	96, 17.525, 92.728
Yxy	89.3677, 0.3421, 0.3618
Android (android.graphics.Color)	4294963921 (0xFFFFF2D1)
YUV	242.1250, -16.3306, 11.2914
Hunter-Lab	94.5345, -5.8810, 20.3164

Details

The XYZ color **84.5008, 89.3677, 73.1176** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.4652, 73.0158, 104.9873**, and the grayscale version is **84.6139, 89.0204, 96.9433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7640, 49.4901, 38.0982** is the 20% darker color. If you saturate the color by 10%, you get **79.4915, 84.0037, 57.0988**, and if you desaturate by 10%, it is **90.1040, 95.1104, 91.8296**.

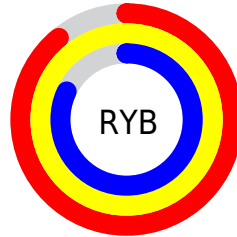
Distribution



Red (100%)

Green (95%)

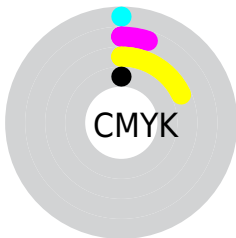
Blue (82%)



Red (89%)

Yellow (100%)

Blue (82%)

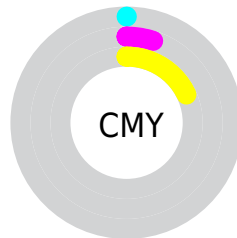


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (5%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5008, 89.3677, 73.1176 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 84.5008, 89.3677, 73.1176 by changing the saturation by 10% instead.


 84.5008, 89.3677,
73.1176

 84.5008, 89.3677,
73.1176

498.4834,
525.9719, 490.5040

 63.7501, 67.4563,
53.5797


138.5931,
146.4598, 125.3666

 46.7092, 49.4556,
37.8749


172.6655,
182.4093, 158.9148

 33.0128, 34.9810,
25.5845


211.9091,
223.8070, 197.9702

 22.2956, 23.6482,
16.2901

256.6893,
271.0373, 242.9514

 14.1920, 15.0729,
9.5731

307.3715,
324.4845, 294.2768

 8.3370, 8.8706,
5.0150

364.3210,

 4.3649, 4.6568,

384.5330, 352.3650

2.1971

427.9032,
451.5674, 417.6345

■ 1.9106, 2.0474,
0.6727

■ 0.5830, 0.6348,
0.0000

■ 84.5008, 89.3677,
73.1176

■ 84.5008, 89.3677,
73.1176

■ 79.4915, 84.0037,
57.0988

■ 90.1040, 95.1104,
91.8296

■ 75.0451, 78.9954,
43.6409

95.0500, 100.0000,
108.9000

■ 71.1366, 74.3343,
32.6090

■ 67.7367, 70.0071,
23.8531

■ 64.8128, 65.9991,
17.2067

■ 62.3281, 62.2940,
12.4805

■ 60.2389, 58.8726,
9.4508

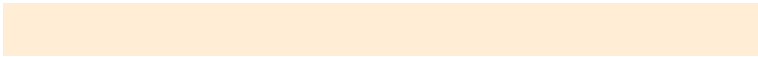
■ 58.4868, 55.7097,
7.8141

■ 58.1665, 55.1131,
7.5722

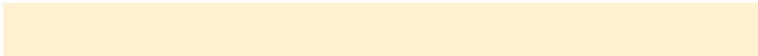
Harmonies

Analogous

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



89.2614, 89.3677, 75.5593



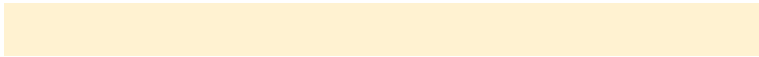
84.5008, 89.3677, 73.1176



80.0261, 89.3677, 76.6320

Triad

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



84.5008, 89.3677, 73.1176



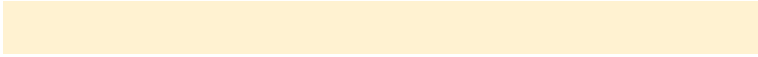
77.3771, 89.3677, 112.3814



93.4526, 89.3677, 109.9890

Complementary

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



84.5008, 89.3677, 73.1176



70.4652, 73.0158, 104.9873

Split Complementary

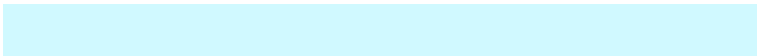
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0538, 89.3677, 121.3998



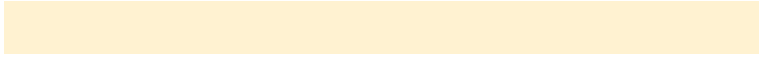
84.5008, 89.3677, 73.1176



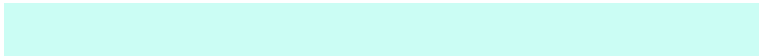
80.7629, 89.3677, 122.8703

Square

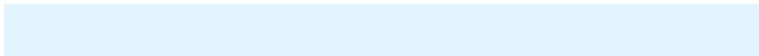
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5008, 89.3677, 73.1176



76.0118, 89.3677, 98.5755



85.3834, 89.3677, 126.3156



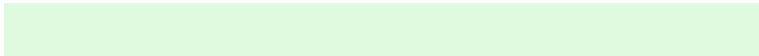
94.5442, 89.3677, 96.0479

Rectangle

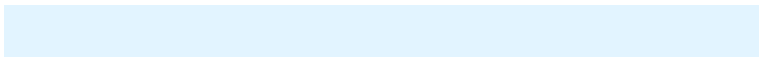
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5008, 89.3677, 73.1176



77.7741, 89.3677, 82.0935



85.3834, 89.3677, 126.3156



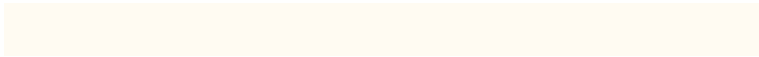
92.5359, 89.3677, 114.2910

Sweetspot

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



84.5028, 89.3715, 73.1195



91.9263, 96.9293, 98.0656



77.2304, 72.1376, 78.9851



19.5847, 20.6562, 20.6764



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

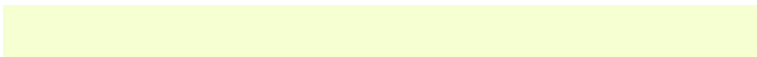
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5028, 89.3715, 73.1195



82.4484, 87.2013, 66.4580



84.9368, 95.5421, 74.2876



19.1021, 20.1724, 19.0312



30.5264, 29.0641, 4.0010



3.0651, 3.0155, 0.4205

Inverse Universe

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



70.4652, 73.0158, 104.9873



65.8128, 67.8208, 104.2298



70.0548, 67.8770, 104.0170



17.4208, 18.2131, 22.8473



10.7519, 6.4133, 50.1058



1.1348, 0.8002, 4.9079

Previews

White Background



This preview shows how the XYZ color 84.5008, 89.3677, 73.1176 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 84.5008, 89.3677, 73.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

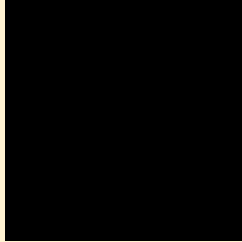
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5008, 89.3677, 73.1176

Background



This preview shows how black text looks on a background with the XYZ color 84.5008, 89.3677, 73.1176.



This preview shows how white text looks on a background with the XYZ color 84.5008, 89.3677,

73.1176.

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

84.5008, 89.3677, 73.1176

Protanopia

84.5008, 89.3677, 73.1176

Deuteranopia

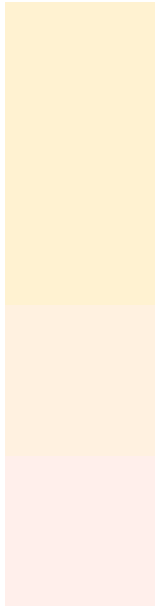
87.1081, 89.4634, 89.7679



Tritanopia

89.0699, 89.3112, 102.9868

Trichromacy



Original Color

84.5008, 89.3677, 73.1176

Protanomaly

84.5008, 89.3677, 73.1176

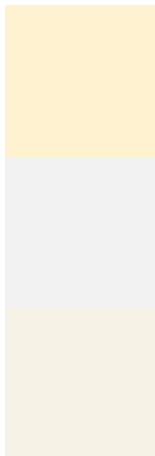
Deuteranomaly

86.1498, 89.5524, 83.2658

Tritanomaly

87.1019, 88.9912, 91.1835

Monochromacy



Original Color

84.5008, 89.3677, 73.1176

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 84.5008, 89.3677, 73.1176 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 209) }
```

Border

The CSS property to change the border of an element to XYZ 84.5008, 89.3677, 73.1176 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, 209) }
```


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

```
.border{ border-color:rgb(255, 242, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5008, 89.3677, 73.1176 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
242, 209) }
```

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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