

Converting Colors

XYZ(104.5493, 100.0000,
74.8300)

Have a look what the booklet for
XYZ(104.5493, 100.0000, 74.8300)
contains.

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Color

**XYZ(84.9235, 90.0143,
73.8713)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D2
RGB	255, 243, 210
RGB Percent	100%, 95%, 82%
CMY	0.0000, 0.0470, 0.1765
CMYK	0.00, 0.05, 0.18, 0.00
HSL	44°, 100%, 91%
HSV	44°, 18%, 100%
XYZ	84.9235, 90.0143, 73.8713
YIQ	242.8260, 17.7450, -7.7190

Conversions

Conversions Part 2

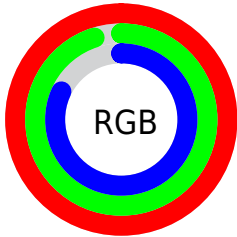
Format	Color
R_{YB}	226, 255, 210
Decimal	16774098
CIE Lab	96.00, -1.19, 17.37
CIE LCh	96, 17.410, 93.927
Yxy	90.0143, 0.3413, 0.3618
Android (android.graphics.Color)	4294964178 (0xFFFFF3D2)
YUV	242.8260, -16.1832, 10.6766
Hunter-Lab	94.8759, -6.2572, 20.2493

Details

The XYZ color **84.9235, 90.0143, 73.8713** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.7490, 73.1622, 105.0006**, and the grayscale version is **85.1696, 89.6051, 97.5799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9754, 49.9130, 38.1686** is the 20% darker color. If you saturate the color by 10%, you get **80.0002, 84.8533, 57.7856**, and if you desaturate by 10%, it is **90.4324, 95.5360, 92.6520**.

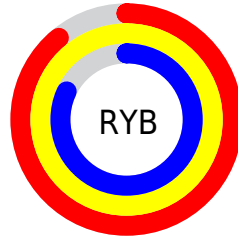
Distribution



Red (100%)

Green (95%)

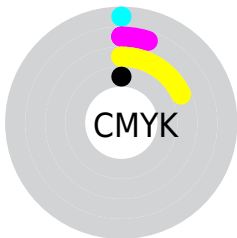
Blue (82%)



Red (89%)

Yellow (100%)

Blue (82%)

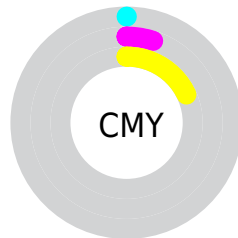


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9235, 90.0143, 73.8713 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 84.9235, 90.0143, 73.8713 by changing the saturation by 10% instead.


 84.9235, 90.0143,
73.8713

 84.9235, 90.0143,
73.8713


499.8624,
528.0774, 493.1806

 64.1005, 67.9925,
54.1926


139.1809,
147.3583, 126.4457

 46.9940, 49.8916,
38.3614


173.3459,
183.4492, 160.1785

 33.2389, 35.3273,
25.9593


212.6890,
224.9987, 199.4329

 22.4696, 23.9151,
16.5677

257.5754,
272.3910, 244.6277

 14.3209, 15.2707,
9.7681

308.3707,
326.0107, 296.1814

 8.4274, 9.0096,
5.1419

365.4400,

 4.4237, 4.7474,

386.2420, 354.5123

2.2705

429.1488,
453.4695, 420.0392

■ 1.9445, 2.0998,
0.7146

■ 0.6025, 0.6645,
0.0000

■ 84.9235, 90.0143,
73.8713

■ 84.9235, 90.0143,
73.8713

■ 80.0002, 84.8533,
57.7856

■ 90.4324, 95.5360,
92.6520

■ 75.6318, 80.0305,
44.2630

95.0500, 100.0000,
108.9000

■ 71.7935, 75.5376,
33.1688

■ 68.4564, 71.3618,
24.3541

■ 65.5881, 67.4887,
17.6529

■ 63.1520, 63.9024,
12.8771

■ 61.1053, 60.5842,
9.8046

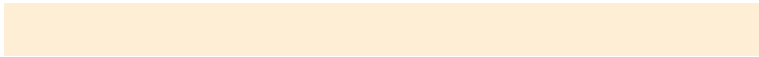
■ 59.3914, 57.5102,
8.1427

■ 59.0171, 56.8143,
7.8557

Harmonies

Analogous

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



89.6888, 90.0143, 76.0755



84.9235, 90.0143, 73.8713



80.4930, 90.0143, 77.6192

Triad

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



84.9235, 90.0143, 73.8713



78.1032, 90.0143, 113.5628



94.1422, 90.0143, 110.1288

Complementary

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



84.9235, 90.0143, 73.8713



70.7490, 73.1622, 105.0006

Split Complementary

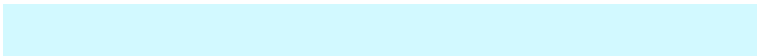
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8267, 90.0143, 121.6921



84.9235, 90.0143, 73.8713



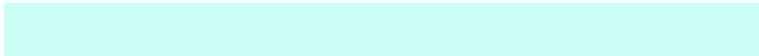
81.5519, 90.0143, 123.8016

Square

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



84.9235, 90.0143, 73.8713



76.6498, 90.0143, 99.8371



86.1914, 90.0143, 126.9066



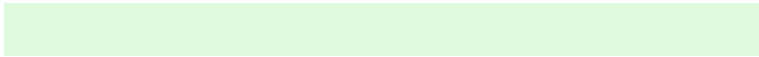
95.1264, 90.0143, 96.2059

Rectangle

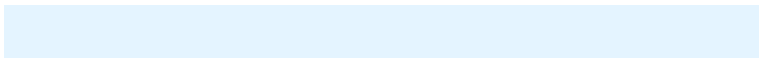
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.9235, 90.0143, 73.8713



78.2905, 90.0143, 83.2156



86.1914, 90.0143, 126.9066



93.2575, 90.0143, 114.4621

Sweetspot

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



84.9255, 90.0181, 73.8732



91.9900, 97.0567, 98.0868



77.4721, 72.6281, 79.0436



19.6002, 20.6872, 20.6816



0.0000, 0.0000, 0.0000



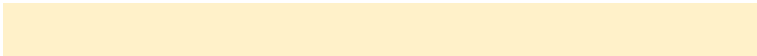
20.3446, 21.4041, 23.3091

Same Dimension

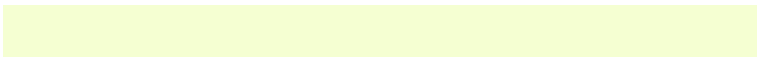
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9255, 90.0181, 73.8732



83.2101, 88.2472, 68.1841



84.8752, 95.4960, 74.9332



19.1276, 20.2234, 19.0397



30.9670, 29.9452, 4.1479



3.1050, 3.0954, 0.4338

Inverse Universe

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



70.7490, 73.1622, 105.0006



66.7436, 68.6700, 104.3446



70.7643, 68.6081, 104.1208



17.3968, 18.1651, 22.8393



10.6143, 6.1382, 50.0599



1.1186, 0.7680, 4.9025

Previews

White Background



This preview shows how the XYZ color 84.9235, 90.0143, 73.8713 looks on a white background.

Color Contrast Check

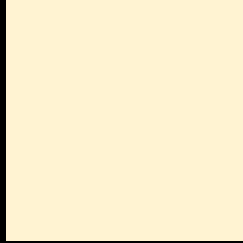
Large Text (above 18pt) WCAG AA × Fail

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 84.9235, 90.0143, 73.8713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

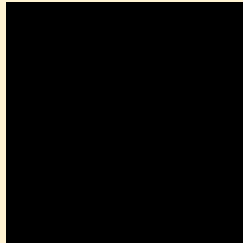
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.9235, 90.0143, 73.8713

Background



This preview shows how black text looks on a background with the XYZ color 84.9235, 90.0143, 73.8713.



This preview shows how white text looks on a background with the XYZ color 84.9235, 90.0143,

73.8713.

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

84.9235, 90.0143, 73.8713

Protanopia

85.1743, 90.1147, 75.1921

Deuteranopia

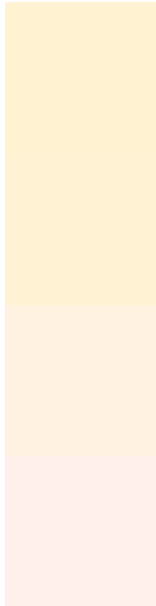
87.5466, 90.1111, 90.6209



Tritanopia

89.5191, 89.9580, 103.9123

Trichromacy



Original Color

84.9235, 90.0143, 73.8713

Protanomaly

85.0485, 90.0643, 74.5296

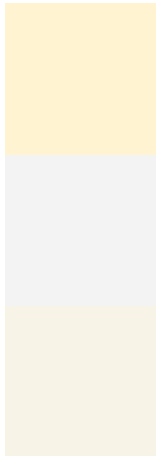
Deuteranomaly

86.5827, 90.2005, 84.0812

Tritanomaly

87.5404, 89.6363, 92.0445

Monochromacy



Original Color

84.9235, 90.0143, 73.8713

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.8322, 89.6449, 88.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9235, 90.0143, 73.8713 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, 243, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 210)  
}
```

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, 243, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 210) }
```

Border

The CSS property to change the border of an element to XYZ 84.9235, 90.0143, 73.8713 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, 243, 210) }
```


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

```
.border{ border-color:rgb(255, 243, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9235, 90.0143, 73.8713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 210) }
```

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

```
.background{ background-color: rgb(255,  
243, 210) }
```

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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