

Converting Colors

XYZ(84.4148, 90.7588, 71.8235)

Have a look what the booklet for
XYZ(84.4148, 90.7588, 71.8235)
contains.

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Color

**XYZ(84.4229, 90.6925,
72.0873)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF5CF
RGB	253, 245, 207
RGB Percent	99%, 96%, 81%
CMY	0.0078, 0.0392, 0.1882
CMYK	0.00, 0.03, 0.18, 0.01
HSL	50°, 92%, 90%
HSV	50°, 18%, 99%
XYZ	84.4229, 90.6925, 72.0873
YIQ	243.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

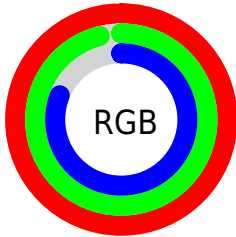
Format	Color
R_{YB}	217, 253, 207
Decimal	16643535
CIE _{Lab}	96.28, -3.35, 19.28
CIE _{LCh}	96, 19.568, 99.857
Yxy	90.6925, 0.3415, 0.3669
Android (android.graphics.Color)	4294833615 (0xFFFFDF5CF)
YUV	243.0600, -17.7776, 8.7174
Hunter-Lab	95.2326, -8.4183, 21.7827

Details

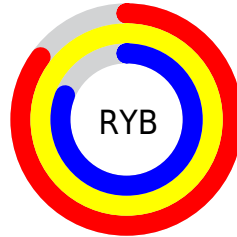
The XYZ color **84.4229, 90.6925, 72.0873** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.7619, 68.9565, 102.6675**, and the grayscale version is **85.3688, 89.8147, 97.8082**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7123, 50.4309, 37.4091** is the 20% darker color. If you saturate the color by 10%, you get **80.2608, 86.9274, 56.6431**, and if you desaturate by 10%, it is **89.1172, 94.7271, 90.1562**.

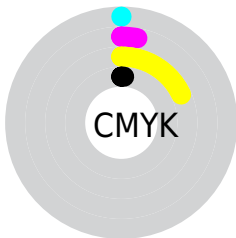
Distribution



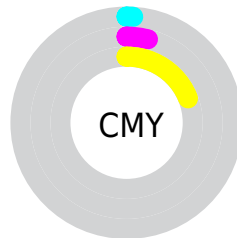
- Red (99%)
- Green (96%)
- Blue (81%)



- Red (85%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4229, 90.6925, 72.0873 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 84.4229, 90.6925, 72.0873 by changing the saturation by 10% instead.


 84.4229, 90.6925,
72.0873

 84.4229, 90.6925,
72.0873

498.2290,
530.2810, 486.8311

 63.6855, 68.5551,
52.7427


138.4848,
148.2999, 123.8895

 46.6568, 50.3495,
37.2111


172.5400,
184.5388, 157.1842

 32.9712, 35.6912,
25.0739


211.7653,
226.2470, 195.9661

 22.2635, 24.1958,
15.9126

256.5259,
273.8088, 240.6536

 14.1683, 15.4789,
9.3087

307.1872,
327.6087, 291.6653

 8.3203, 9.1562,
4.8435

364.1146,

 4.3541, 4.8432,

388.0311, 349.4198

2.0986

427.6734,
455.4604, 414.3355

■ 1.9044, 2.1556,
0.6149

■ 0.5794, 0.6956,
0.0000

■ 84.4229, 90.6925,
72.0873

■ 84.4229, 90.6925,
72.0873

■ 80.2608, 86.9274,
56.6431

■ 89.1172, 94.7271,
90.1562

■ 76.5997, 83.4100,
43.6937

■ 93.9367, 98.8597,
108.7386

■ 73.4166, 80.1336,
33.1068

■ 94.3182, 99.6228,
108.8658

■ 70.6831, 77.0866,
24.7355

■ 68.3682, 74.2563,
18.4165

■ 66.4363, 71.6279,
13.9638

■ 64.8455, 69.1844,
11.1579

■ 63.5382, 66.9024,
9.6968

■ 63.3163, 66.4989,
9.4984

Harmonies

Analogous

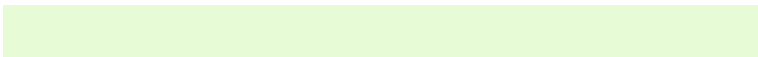
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8513, 90.6925, 73.2196



84.4229, 90.6925, 72.0873



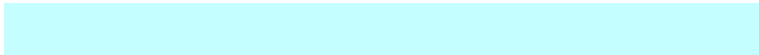
79.6719, 90.6925, 77.4999

Triad

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



84.4229, 90.6925, 72.0873



78.4209, 90.6925, 119.2091



96.3939, 90.6925, 109.4232

Complementary

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



84.4229, 90.6925, 72.0873



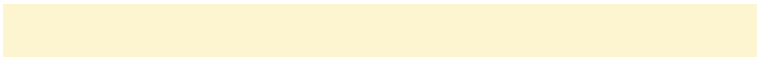
67.7619, 68.9565, 102.6675

Split Complementary

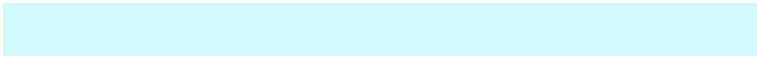
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0764, 90.6925, 123.5646



84.4229, 90.6925, 72.0873



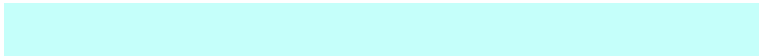
82.6500, 90.6925, 129.6134

Square

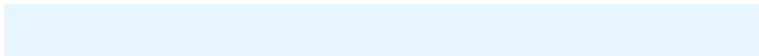
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4229, 90.6925, 72.0873



76.3042, 90.6925, 103.9642



88.0029, 90.6925, 131.2860



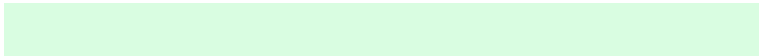
96.9175, 90.6925, 93.7106

Rectangle

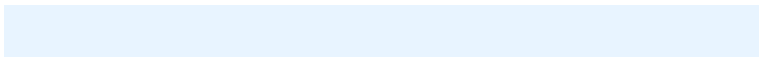
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4229, 90.6925, 72.0873



77.4712, 90.6925, 84.4626



88.0029, 90.6925, 131.2860



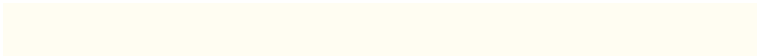
95.5621, 90.6925, 114.5613

Sweetspot

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



84.4253, 90.6965, 72.0892



92.3618, 97.8002, 98.2107



75.1433, 70.4381, 74.2189



19.6908, 20.8683, 20.7118



0.0000, 0.0000, 0.0000



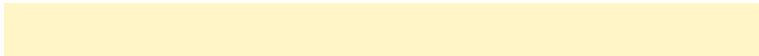
20.3446, 21.4041, 23.3091

Same Dimension

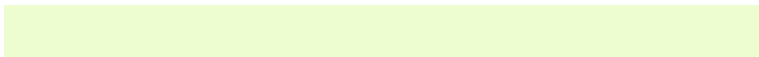
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4253, 90.6965, 72.0892



84.2654, 90.8352, 67.0637



81.7941, 93.0085, 72.6742



19.2768, 20.5218, 19.0894



33.7777, 35.5667, 5.0848



3.3563, 3.5979, 0.5176

Inverse Universe

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



67.7619, 68.9565, 102.6675



64.2913, 64.7777, 103.7226



70.0351, 67.1800, 102.2048



17.2582, 17.8879, 22.7931



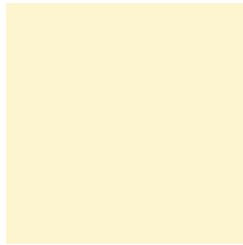
9.9820, 4.8736, 49.8492



1.0389, 0.6085, 4.8760

Previews

White Background



This preview shows how the XYZ color 84.4229, 90.6925, 72.0873 looks on a white background.

Color Contrast Check

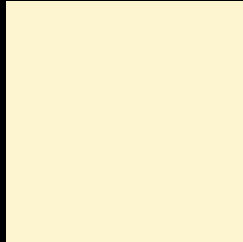
Large Text (above 18pt) WCAG AA × Fail

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 84.4229, 90.6925, 72.0873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

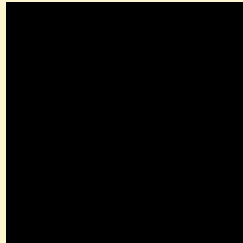
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4229, 90.6925, 72.0873

Background



This preview shows how black text looks on a background with the XYZ color 84.4229, 90.6925, 72.0873.



This preview shows how white text looks on a background with the XYZ color 84.4229, 90.6925,

72.0873.

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

84.4229, 90.6925, 72.0873

Protanopia

85.7283, 90.8164, 76.6293

Deuteranopia

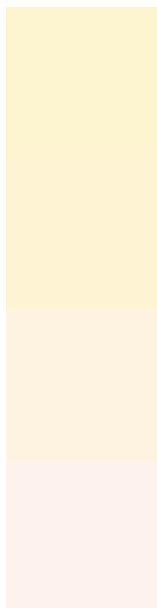
87.9875, 90.7624, 91.4787



Tritanopia

90.1297, 90.6720, 105.6796

Trichromacy



Original Color

84.4229, 90.6925, 72.0873

Protanomaly

84.9816, 90.4753, 74.6125

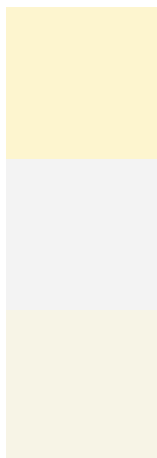
Deuteranomaly

86.5142, 90.6083, 84.1635

Tritanomaly

87.7655, 90.6312, 92.2247

Monochromacy



Original Color

84.4229, 90.6925, 72.0873

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9914, 90.1887, 87.7915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4229, 90.6925, 72.0873 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(253, 245, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 207)  
}
```

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(253, 245, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 207) }
```

Border

The CSS property to change the border of an element to XYZ 84.4229, 90.6925, 72.0873 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(253, 245, 207) }
```


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

```
.border{ border-color:rgb(253, 245, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 245, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 245, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 245, 207); box-shadow:4px 4px 4px 4px rgb(253, 245, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4229, 90.6925, 72.0873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 207) }
```

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

```
.background{ background-color: rgb(253,  
245, 207) }
```

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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