

Converting Colors

XYZ(83.9256, 88.4848, 72.1012)

Have a look what the booklet for
XYZ(83.9256, 88.4848, 72.1012)
contains.

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Color

**XYZ(84.0805, 88.7247,
72.3686)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D0
RGB	255, 241, 208
RGB Percent	100%, 95%, 82%
CMY	0.0000, 0.0549, 0.1843
CMYK	0.00, 0.05, 0.18, 0.00
HSL	42°, 100%, 91%
HSV	42°, 18%, 100%
XYZ	84.0805, 88.7247, 72.3686
YIQ	241.4240, 18.9370, -7.2950

Conversions

Conversions Part 2

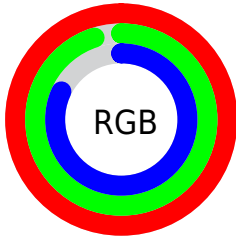
Format	Color
R_{YB}	228, 255, 208
Decimal	16773584
CIE Lab	95.47, -0.47, 17.64
CIE LCh	95, 17.648, 91.541
Yxy	88.7247, 0.3429, 0.3619
Android (android.graphics.Color)	4294963664 (0xFFFFF1D0)
YUV	241.4240, -16.4780, 11.9062
Hunter-Lab	94.1938, -5.5041, 20.3835

Details

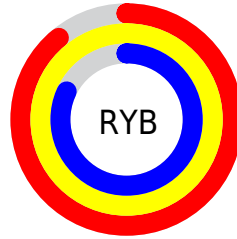
The XYZ color **84.0805, 88.7247, 72.3686** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.1831, 72.8704, 104.9741**, and the grayscale version is **84.0604, 88.4381, 96.3091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4704, 49.0368, 37.5876** is the 20% darker color. If you saturate the color by 10%, you get **78.9917, 83.1705, 56.4187**, and if you desaturate by 10%, it is **89.7717, 94.6756, 91.0100**.

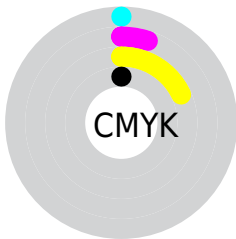
Distribution



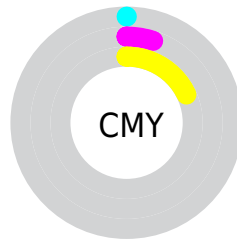
- Red (100%)
- Green (95%)
- Blue (82%)



- 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 84.0805, 88.7247, 72.3686 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 84.0805, 88.7247, 72.3686 by changing the saturation by 10% instead.


 84.0805, 88.7247,
72.3686

 84.0805, 88.7247,
72.3686


497.1101,
523.8736, 487.8355

 63.4018, 66.9234,
52.9712


138.0085,
145.5657, 124.2930

 46.4262, 49.0224,
37.3922


171.9885,
181.3741, 157.6571

 32.7883, 34.6372,
25.2131


211.1329,
222.6205, 196.5138

 22.1228, 23.3836,
16.0154

255.8073,
269.6890, 241.2817

 14.0643, 14.8770,
9.3806

306.3768,
322.9642, 292.3792

 8.2474, 8.7331,
4.8901

363.2069,

 4.3068, 4.5675,

382.8304, 350.2250

2.1253

426.6629,
449.6721, 415.2376

■ 1.8771, 1.9958,
0.6308

■ 0.5635, 0.6050,
0.0000

■ 84.0805, 88.7247,
72.3686

■ 84.0805, 88.7247,
72.3686

■ 78.9917, 83.1705,
56.4187

■ 89.7717, 94.6756,
91.0100

■ 74.4737, 77.9899,
43.0275

95.0500, 100.0000,
108.9000

■ 70.5015, 73.1737,
32.0596

■ 67.0455, 68.7085,
23.3646

■ 64.0727, 64.5789,
16.7750

■ 61.5459, 60.7683,
12.1003

■ 59.4209, 57.2570,
9.1151

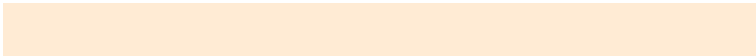
■ 57.6368, 54.0185,
7.5038

■ 57.3749, 53.5298,
7.3083

Harmonies

Analogous

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



88.8366, 88.7247, 75.0458



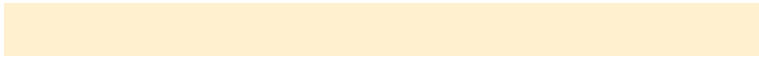
84.0805, 88.7247, 72.3686



79.5617, 88.7247, 75.6523

Triad

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



84.0805, 88.7247, 72.3686



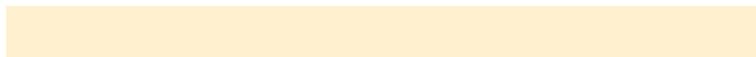
76.6553, 88.7247, 111.2080



92.7670, 88.7247, 109.8519

Complementary

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



84.0805, 88.7247, 72.3686



70.1831, 72.8704, 104.9741

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.



89.2855, 88.7247, 121.1106



84.0805, 88.7247, 72.3686



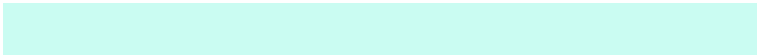
79.9788, 88.7247, 121.9446

Square

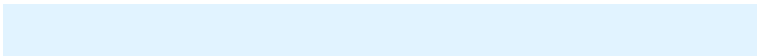
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0805, 88.7247, 72.3686



75.3774, 88.7247, 97.3236



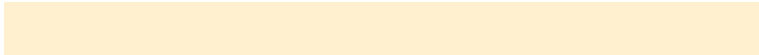
84.5803, 88.7247, 125.7283



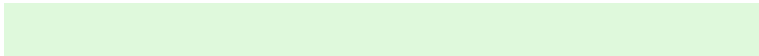
93.9652, 88.7247, 95.8922

Rectangle

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



84.0805, 88.7247, 72.3686



77.2605, 88.7247, 80.9804



84.5803, 88.7247, 125.7283



91.8185, 88.7247, 114.1227

Sweetspot

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



84.0826, 88.7285, 72.3705



91.2475, 96.1812, 95.9602



76.9948, 71.6521, 78.9507



19.4451, 20.4996, 20.2512



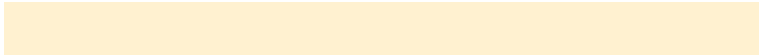
0.0000, 0.0000, 0.0000



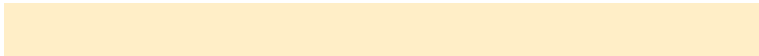
20.3446, 21.4041, 23.3091

Same Dimension

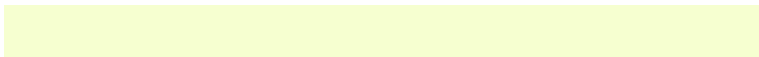
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0826, 88.7285, 72.3705



82.1981, 86.7006, 66.3746



85.0114, 95.5948, 73.6468



19.0778, 20.1237, 19.0231



30.1162, 28.2435, 3.8643



3.0277, 2.9408, 0.4080

Inverse Universe

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



70.1831, 72.8704, 104.9741



66.0311, 68.2574, 104.3025



69.3411, 67.1460, 103.9136



17.4438, 18.2592, 22.8549



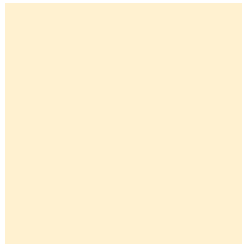
10.8919, 6.6934, 50.1525



1.1509, 0.8324, 4.9133

Previews

White Background



This preview shows how the XYZ color 84.0805, 88.7247, 72.3686 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 84.0805, 88.7247, 72.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

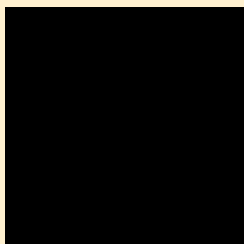
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0805, 88.7247, 72.3686

Background



This preview shows how black text looks on a background with the XYZ color 84.0805, 88.7247, 72.3686.



This preview shows how white text looks on a background with the XYZ color 84.0805, 88.7247,

72.3686.

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

84.0805, 88.7247, 72.3686

Protanopia

83.7135, 88.5355, 72.3514

Deuteranopia

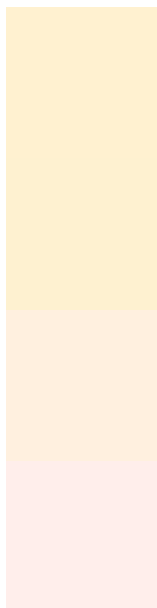
86.5303, 88.7625, 88.1735



Tritanopia

88.7795, 88.7305, 102.8900

Trichromacy



Original Color

84.0805, 88.7247, 72.3686

Protanomaly

83.7135, 88.5355, 72.3514

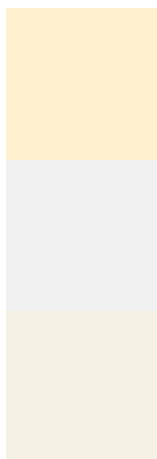
Deuteranomaly

85.7194, 88.9079, 82.4551

Tritanomaly

86.8099, 88.4072, 91.0862

Monochromacy



Original Color

84.0805, 88.7247, 72.3686

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.6042, 88.1606, 86.7390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0805, 88.7247, 72.3686 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, 241, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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, 241, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 208) }
```

Border

The CSS property to change the border of an element to XYZ 84.0805, 88.7247, 72.3686 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, 241, 208) }
```


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

```
.border{ border-color:rgb(255, 241, 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, 241, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0805, 88.7247, 72.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 208) }
```

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

```
.background{ background-color: rgb(255,  
241, 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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