

Converting Colors

XYZ(84.2929, 91.7513, 73.7917)

Have a look what the booklet for
XYZ(84.2929, 91.7513, 73.7917)
contains.

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Color

**XYZ(84.5004, 92.0622,
73.6377)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF8D1
RGB	250, 248, 209
RGB Percent	98%, 97%, 82%
CMY	0.0196, 0.0274, 0.1804
CMYK	0.00, 0.01, 0.16, 0.02
HSL	57°, 80%, 90%
HSV	57°, 16%, 98%
XYZ	84.5004, 92.0622, 73.6377
YIQ	244.1520, 13.7110, -11.7050

Conversions

Conversions Part 2

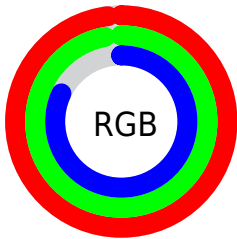
Format	Color
R _Y B	211, 250, 209
Decimal	16447697
CIE Lab	96.85, -5.63, 19.01
CIE LCh	97, 19.823, 106.491
Yxy	92.0622, 0.3377, 0.3680
Android (android.graphics.Color)	4294637777 (0xFFFAF8D1)
YUV	244.1520, -17.3299, 5.1287
Hunter-Lab	95.9490, -10.7095, 21.6612

Details

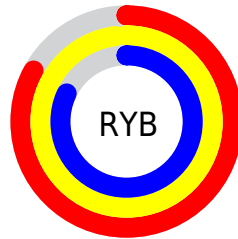
The XYZ color **84.5004, 92.0622, 73.6377** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.8440, 67.0448, 99.8612**, and the grayscale version is **86.2395, 90.7307, 98.8057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6747, 51.3698, 38.0272** is the 20% darker color. If you saturate the color by 10%, you get **81.2731, 90.1779, 58.4709**, and if you desaturate by 10%, it is **88.2208, 94.1538, 91.3672**.

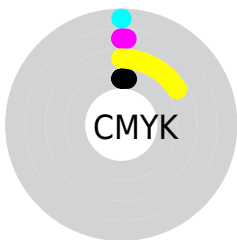
Distribution



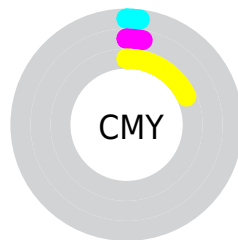
- Red (98%)
- Green (97%)
- Blue (82%)



- Red (83%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5004, 92.0622, 73.6377 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 84.5004, 92.0622, 73.6377 by changing the saturation by 10% instead.


 84.5004, 92.0622,
73.6377

 84.5004, 92.0622,
73.6377


498.4821,
534.7165, 492.3519

 63.7498, 69.6923,
54.0026

138.5926,
150.1996, 126.1114

 46.7089, 51.2757,
38.2105


172.6648,
186.7359, 159.7870

 33.0126, 36.4281,
25.8430


211.9083,
228.7631, 198.9799

 22.2954, 24.7650,
16.4815

256.6885,
276.6656, 244.1086

 14.1919, 15.9021,
9.7075

307.3705,
330.8278, 295.5916

 8.3369, 9.4549,
5.1024

364.3199,

 4.3649, 5.0390,

391.6341, 353.8474

2.2477

427.9020,
459.4688, 419.2947

■ 1.9105, 2.2702,
0.7017

■ 0.5830, 0.7579,
0.0000

■ 84.5004, 92.0622,
73.6377

■ 84.5004, 92.0622,
73.6377

■ 81.2731, 90.1779,
58.4709

■ 88.2208, 94.1538,
91.3672

■ 78.5089, 88.4796,
45.7421

■ 91.7969, 96.1886,
108.3358

■ 76.1860, 86.9617,
35.3247

■ 92.1770, 96.9488,
108.4625

■ 74.2777, 85.6135,
27.0786

■ 92.5596, 97.7139,
108.5900

■ 72.7544, 84.4232,
20.8485

■ 92.9446, 98.4839,
108.7183

■ 71.5829, 83.3774,
16.4585

■ 93.2347, 99.0642,
108.8150

■ 70.7239, 82.4605,
13.7024

■ 70.1285, 81.6529,
12.3229

■ 69.9516, 81.3780,
12.0207

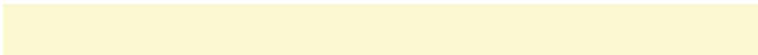
Harmonies

Analogous

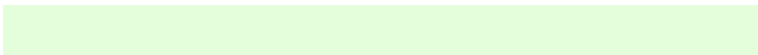
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0253, 92.0622, 73.3022



84.5004, 92.0622, 73.6377



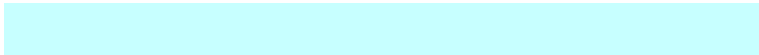
79.9702, 92.0622, 80.5909

Triad

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



84.5004, 92.0622, 73.6377



80.3416, 92.0622, 124.1446



98.3225, 92.0622, 107.5690

Complementary

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



84.5004, 92.0622, 73.6377



66.8440, 67.0448, 99.8612

Split Complementary

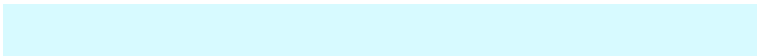
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4932, 92.0622, 122.8486



84.5004, 92.0622, 73.6377



85.0270, 92.0622, 133.0809

Square

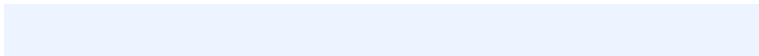
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



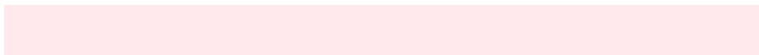
84.5004, 92.0622, 73.6377



77.6397, 92.0622, 109.1917



90.5746, 92.0622, 132.5829



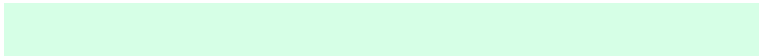
98.1668, 92.0622, 91.7916

Rectangle

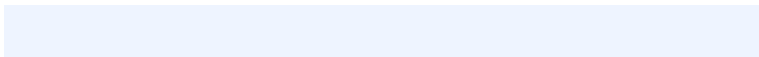
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5004, 92.0622, 73.6377



78.0540, 92.0622, 88.5083



90.5746, 92.0622, 132.5829



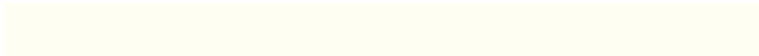
97.6840, 92.0622, 112.9653

Sweetspot

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



84.5028, 92.0663, 73.6397



92.8670, 98.8106, 98.3791



73.9900, 70.6318, 71.3958



19.8140, 21.1147, 20.7528



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

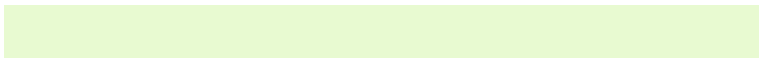
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5028, 92.0663, 73.6397



87.1125, 95.5665, 70.9816



78.8281, 90.0562, 73.5508



18.6508, 20.0374, 18.3470



37.1361, 43.2288, 6.3867



3.4611, 4.0470, 0.5987

Inverse Universe

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



66.8440, 67.0448, 99.8612



65.1393, 64.4322, 103.6112



71.8776, 68.9085, 99.9556



16.3508, 16.7784, 21.7621



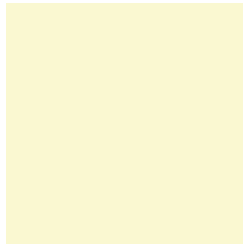
9.2524, 3.8604, 48.2310



0.8800, 0.4037, 4.4747

Previews

White Background



This preview shows how the XYZ color 84.5004, 92.0622, 73.6377 looks on a white background.

Color Contrast Check

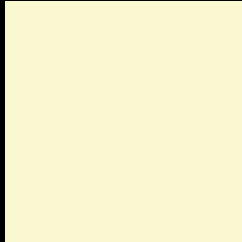
Large Text (above 18pt) WCAG AA × Fail

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 84.5004, 92.0622, 73.6377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

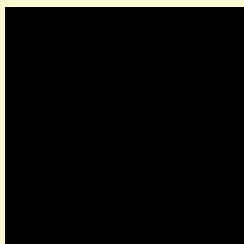
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

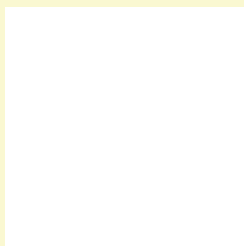
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5004, 92.0622, 73.6377

Background



This preview shows how black text looks on a background with the XYZ color 84.5004, 92.0622, 73.6377.



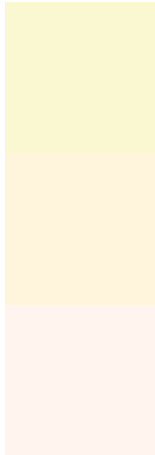
This preview shows how white text looks on a background with the XYZ color 84.5004, 92.0622,

73.6377.

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

84.5004, 92.0622, 73.6377

Protanopia

86.8107, 91.7321, 80.8408

Deuteranopia

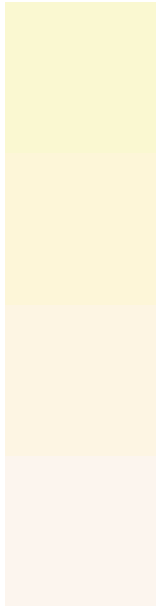
89.0233, 92.1344, 93.9806



Tritanopia

90.6086, 92.2038, 107.6293

Trichromacy



Original Color

84.5004, 92.0622, 73.6377

Protanomaly

85.8584, 91.7520, 78.1504

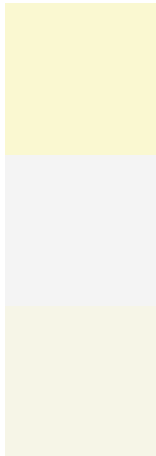
Deuteranomaly

87.0255, 91.7335, 85.7926

Tritanomaly

88.2299, 92.1733, 94.0299

Monochromacy



Original Color

84.5004, 92.0622, 73.6377

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.0822, 90.6672, 88.6175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5004, 92.0622, 73.6377 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(250, 248, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 248, 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(250, 248, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 209) }
```

Border

The CSS property to change the border of an element to XYZ 84.5004, 92.0622, 73.6377 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(250, 248, 209) }
```


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

```
.border{ border-color:rgb(250, 248, 209) }
```

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

Here you see how a box with a 4 pixel rgb(250, 248, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5004, 92.0622, 73.6377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 248, 209) }
```

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

```
.background{ background-color: rgb(250,  
248, 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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