

Converting Colors

XYZ(84.6116, 91.4431, 76.3494)

Have a look what the booklet for
XYZ(84.6116, 91.4431, 76.3494)
contains.

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Color

**XYZ(84.6953, 91.6496,
76.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF7D5
RGB	250, 247, 213
RGB Percent	98%, 97%, 84%
CMY	0.0196, 0.0313, 0.1647
CMYK	0.00, 0.01, 0.15, 0.02
HSL	55°, 79%, 91%
HSV	55°, 15%, 98%
XYZ	84.6953, 91.6496, 76.1770
YIQ	244.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

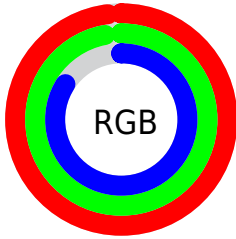
Format	Color
R _Y B	216, 250, 213
Decimal	16447445
CIE Lab	96.68, -4.53, 16.72
CIE LCh	97, 17.324, 105.158
Yxy	91.6496, 0.3354, 0.3629
Android (android.graphics.Color)	4294637525 (0xFFFAF7D5)
YUV	244.0210, -15.2934, 5.2436
Hunter-Lab	95.7338, -9.6159, 19.8356

Details

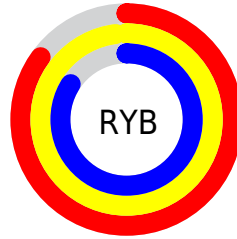
The XYZ color **84.6953, 91.6496, 76.1770** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.2515, 70.1585, 100.3351**, and the grayscale version is **86.1193, 90.6043, 98.6680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7947, 51.0677, 39.7385** is the 20% darker color. If you saturate the color by 10%, you get **81.1491, 89.2495, 60.5279**, and if you desaturate by 10%, it is **88.7424, 94.2670, 94.4086**.

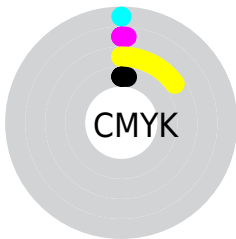
Distribution



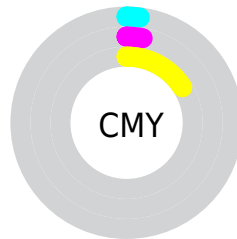
- Red (98%)
- Green (97%)
- Blue (84%)



- Red (85%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6953, 91.6496, 76.1770 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 84.6953, 91.6496, 76.1770 by changing the saturation by 10% instead.

84.6953, 91.6496,
76.1770

84.6953, 91.6496,
76.1770

499.1182,
533.3824, 501.3163

63.9113, 69.3496,
56.0701

138.8636,
149.6277, 129.7395

46.8402, 50.9965,
39.8548

172.9786,
186.0745, 164.0321

33.1168, 36.2058,
27.1124

212.2680,
228.0058, 203.8905

22.3756, 24.5932,
17.4245

257.0972,
275.8059, 249.7330

14.2513, 15.7742,
10.3724

307.8314,
329.8593, 301.9784

8.3785, 9.3645,
5.5378

364.8361,

4.3919, 4.9797,

390.5502, 361.0450

2.5019

428.4765,
458.2631, 427.3515

■ 1.9262, 2.2354,
0.8412

■ 0.5920, 0.7392,
0.0000

■ 84.6953, 91.6496,
76.1770

■ 84.6953, 91.6496,
76.1770

■ 81.1491, 89.2495,
60.5279

■ 88.7424, 94.2670,
94.4086

■ 78.0741, 87.0454,
47.3377

■ 91.9883, 96.5716,
108.3996

■ 75.4485, 85.0319,
36.4816

■ 92.6240, 97.8429,
108.6115

■ 73.2462, 83.1982,
27.8217

■ 93.2346, 99.0641,
108.8150

■ 71.4382, 81.5330,
21.2051

■ 69.9918, 80.0229,
16.4598

■ 68.8688, 78.6527,
13.3856

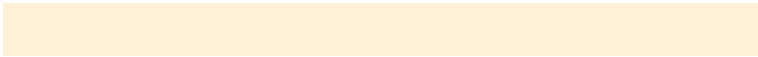
■ 68.0225, 77.4037,
11.7361

■ 67.6565, 76.7880,
11.2557

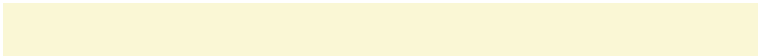
Harmonies

Analogous

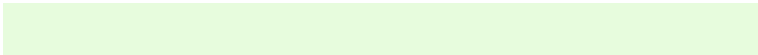
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5198, 91.6496, 76.1451



84.6953, 91.6496, 76.1770



80.6662, 91.6496, 82.1244

Triad

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



84.6953, 91.6496, 76.1770



80.7009, 91.6496, 119.9428



96.4353, 91.6496, 106.7866

Complementary

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



84.6953, 91.6496, 76.1770



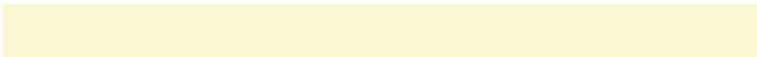
69.2515, 70.1585, 100.3351

Split Complementary

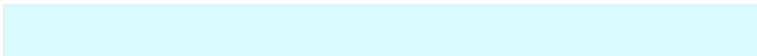
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.8885, 91.6496, 119.8248



84.6953, 91.6496, 76.1770



84.7442, 91.6496, 127.8857

Square

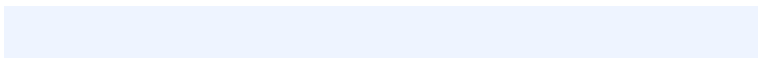
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



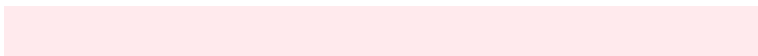
84.6953, 91.6496, 76.1770



78.4189, 91.6496, 106.9359



89.5706, 91.6496, 127.8406



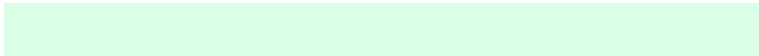
96.4210, 91.6496, 92.9714

Rectangle

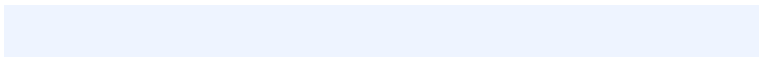
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6953, 91.6496, 76.1770



78.9218, 91.6496, 88.9901



89.5706, 91.6496, 127.8406



95.8463, 91.6496, 111.4320

Sweetspot

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



84.6978, 91.6536, 76.1790



93.1881, 98.8348, 100.3917



75.6250, 72.8759, 75.1041



19.8732, 21.1087, 21.1563



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

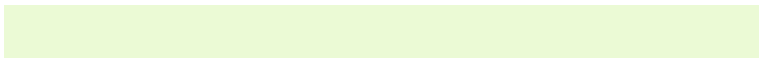
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6978, 91.6536, 76.1790



87.3473, 95.0410, 74.1276



80.3203, 90.7674, 76.2386



18.6002, 19.9362, 18.3301



35.9376, 40.8318, 5.9872



3.3630, 3.8508, 0.5660

Inverse Universe

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



69.2515, 70.1585, 100.3351



68.1205, 68.2854, 104.1978



73.1779, 71.0541, 100.3010



16.3959, 16.8686, 21.7771



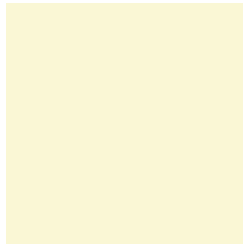
9.3275, 4.0105, 48.2560



0.9015, 0.4466, 4.4819

Previews

White Background



This preview shows how the XYZ color 84.6953, 91.6496, 76.1770 looks on a white background.

Color Contrast Check

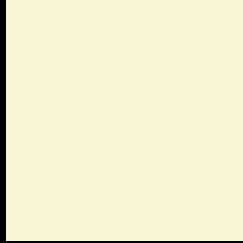
Large Text (above 18pt) WCAG AA × Fail

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 84.6953, 91.6496, 76.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

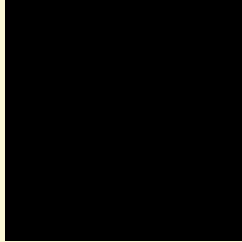
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6953, 91.6496, 76.1770

Background



This preview shows how black text looks on a background with the XYZ color 84.6953, 91.6496, 76.1770.



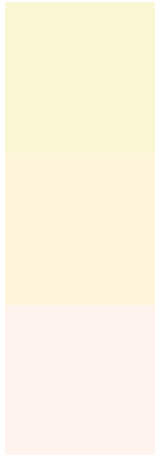
This preview shows how white text looks on a background with the XYZ color 84.6953, 91.6496,

76.1770.

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

84.6953, 91.6496, 76.1770

Protanopia

86.6786, 91.6793, 80.1453

Deuteranopia

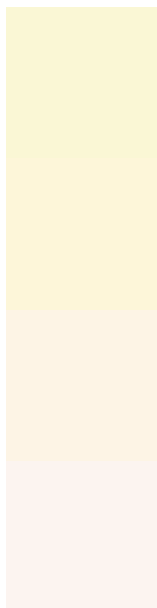
88.7232, 91.5342, 93.8806



Tritanopia

90.3101, 91.6069, 107.5298

Trichromacy



Original Color

84.6953, 91.6496, 76.1770

Protanomaly

85.9882, 91.8039, 78.8335

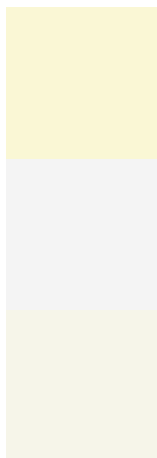
Deuteranomaly

87.0016, 91.2412, 87.1546

Tritanomaly

88.2237, 91.6881, 95.4858

Monochromacy



Original Color

84.6953, 91.6496, 76.1770

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.3664, 90.7808, 90.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6953, 91.6496, 76.1770 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, 247, 213)` looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 213)  
}
```

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, 247, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 213) }
```

Border

The CSS property to change the border of an element to XYZ 84.6953, 91.6496, 76.1770 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, 247, 213) }
```


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

```
.border{ border-color:rgb(250, 247, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 213);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6953, 91.6496, 76.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 213) }
```

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

```
.background{ background-color: rgb(250,  
247, 213) }
```

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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