

Converting Colors

XYZ(85.6487, 91.1342, 75.1326)

Have a look what the booklet for
XYZ(85.6487, 91.1342, 75.1326)
contains.

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Color

**XYZ(85.7761, 91.3183,
75.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5D4
RGB	255, 245, 212
RGB Percent	100%, 96%, 83%
CMY	0.0000, 0.0392, 0.1686
CMYK	0.00, 0.04, 0.17, 0.00
HSL	46°, 100%, 92%
HSV	46°, 17%, 100%
XYZ	85.7761, 91.3183, 75.3927
YIQ	244.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

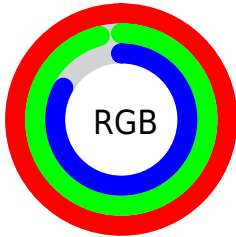
Format	Color
R _Y B	225, 255, 212
Decimal	16774612
CIE Lab	96.54, -1.91, 17.10
CIE LCh	97, 17.205, 96.361
Yxy	91.3183, 0.3397, 0.3617
Android (android.graphics.Color)	4294964692 (0xFFFFF5D4)
YUV	244.2280, -15.8884, 9.4470
Hunter-Lab	95.5606, -7.0078, 20.1155

Details

The XYZ color **85.7761, 91.3183, 75.3927** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.3221, 73.4576, 105.0274**, and the grayscale version is **86.2874, 90.7811, 98.8606**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5721, 50.8353, 39.2032** is the 20% darker color. If you saturate the color by 10%, you get **81.0462, 86.6061, 59.1797**, and if you desaturate by 10%, it is **91.0758, 96.3564, 94.3043**.

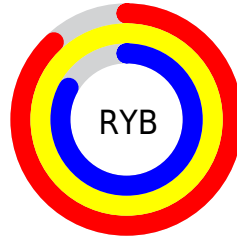
Distribution



Red (100%)

Green (96%)

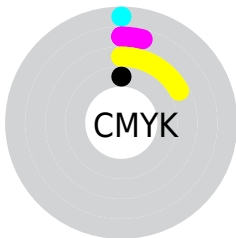
Blue (83%)



Red (88%)

Yellow (100%)

Blue (83%)

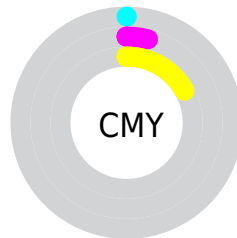


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7761, 91.3183, 75.3927 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 85.7761, 91.3183, 75.3927 by changing the saturation by 10% instead.

85.7761, 91.3183,
75.3927

85.7761, 91.3183,
75.3927

502.6377,
532.3100, 498.5576

64.8075, 69.0746,
55.4310

140.3654,
149.1682, 128.6203

47.5691, 50.7724,
39.3460

174.7169,
185.5432, 162.7233

33.6956, 36.0275,
26.7191

214.2600,
227.3974, 202.3771

22.8216, 24.4555,
17.1318

259.3601,
275.1151, 248.0003

14.5818, 15.6718,
10.1655

310.3825,
329.0809, 300.0114

8.6108, 9.2922,
5.4018

367.6927,

4.5433, 4.9323,

389.6790, 358.8290

2.4221

431.6560,
457.2939, 424.8715

■ 2.0139, 2.2076,
0.7984

■ 0.6417, 0.7241,
0.0000

■ 85.7761, 91.3183,
75.3927

■ 85.7761, 91.3183,
75.3927

■ 81.0462, 86.6061,
59.1797

■ 91.0758, 96.3564,
94.3043

■ 76.8554, 82.1976,
45.5342

95.0500, 100.0000,
108.9000

■ 73.1796, 78.0853,
34.3224

■ 69.9901, 74.2569,
25.3966

■ 67.2554, 70.6988,
18.5925

■ 64.9394, 67.3957,
13.7239

■ 63.0003, 64.3300,
10.5724

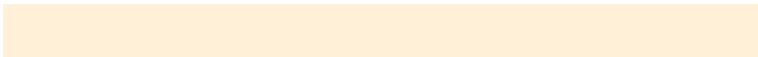
■ 61.3848, 61.4795,
8.8612

■ 60.9196, 60.6192,
8.4899

Harmonies

Analogous

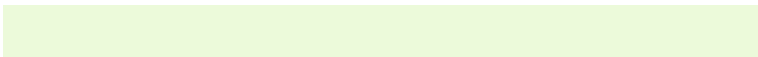
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5512, 91.3183, 77.1156



85.7761, 91.3183, 75.3927



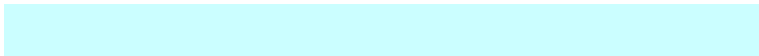
81.4344, 91.3183, 79.6159

Triad

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



85.7761, 91.3183, 75.3927



79.5687, 91.3183, 115.9495



95.5333, 91.3183, 110.4166

Complementary

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



85.7761, 91.3183, 75.3927



71.3221, 73.4576, 105.0274

Split Complementary

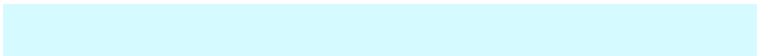
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3865, 91.3183, 122.2860



85.7761, 91.3183, 75.3927



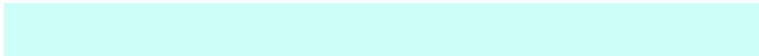
83.1447, 91.3183, 125.6808

Square

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



85.7761, 91.3183, 75.3927



77.9368, 91.3183, 102.3894



87.8226, 91.3183, 128.1002



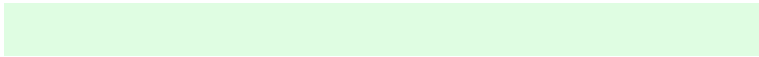
96.3008, 91.3183, 96.5284

Rectangle

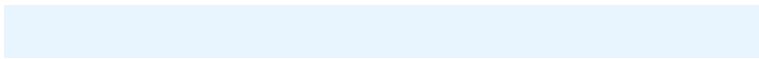
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7761, 91.3183, 75.3927



79.3315, 91.3183, 85.4867



87.8226, 91.3183, 128.1002



94.7132, 91.3183, 114.8128

Sweetspot

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



85.7782, 91.3222, 75.3946



92.1265, 97.3296, 98.1323



77.9735, 73.6238, 79.2329



19.6335, 20.7536, 20.6927



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

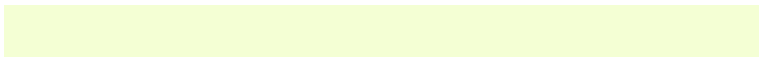
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7782, 91.3222, 75.3946



84.2335, 89.8085, 70.0219



84.7906, 95.4234, 76.2383



19.1823, 20.3327, 19.0579



31.9513, 31.9139, 4.4760



3.1936, 3.2727, 0.4634

Inverse Universe

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



71.3221, 73.4576, 105.0274



67.4702, 69.0941, 104.3882



72.1699, 70.0704, 104.3289



17.3456, 18.0627, 22.8222



10.3491, 5.6077, 49.9715



1.0866, 0.7038, 4.8919

Previews

White Background



This preview shows how the XYZ color 85.7761, 91.3183, 75.3927 looks on a white background.

Color Contrast Check

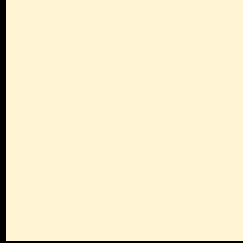
Large Text (above 18pt) WCAG AA × Fail

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 85.7761, 91.3183, 75.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

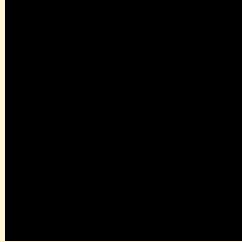
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7761, 91.3183, 75.3927

Background



This preview shows how black text looks on a background with the XYZ color 85.7761, 91.3183, 75.3927.



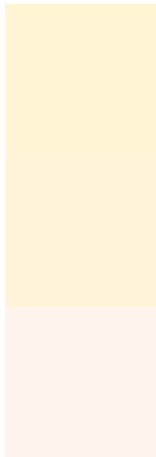
This preview shows how white text looks on a background with the XYZ color 85.7761, 91.3183,

75.3927.

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

85.7761, 91.3183, 75.3927

Protanopia

86.2456, 91.0233, 79.3533

Deuteranopia

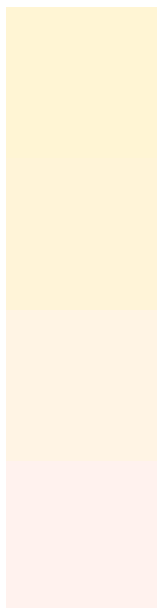
88.5767, 91.4756, 93.1088



Tritanopia

90.4249, 91.2624, 105.7780

Trichromacy



Original Color

85.7761, 91.3183, 75.3927

Protanomaly

85.9854, 90.9192, 77.9830

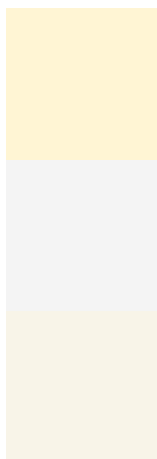
Deuteranomaly

87.5943, 91.5628, 86.4555

Tritanomaly

88.4247, 90.9373, 93.7811

Monochromacy



Original Color

85.7761, 91.3183, 75.3927

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.6276, 90.4840, 89.2960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7761, 91.3183, 75.3927 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, 245, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 212)  
}
```

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, 245, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 212) }
```

Border

The CSS property to change the border of an element to XYZ 85.7761, 91.3183, 75.3927 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, 245, 212) }
```


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

```
.border{ border-color:rgb(255, 245, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7761, 91.3183, 75.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 212) }
```

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

```
.background{ background-color: rgb(255,  
245, 212) }
```

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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