

Converting Colors

XYZ(85.4743, 90.7148, 75.2921)

Have a look what the booklet for
XYZ(85.4743, 90.7148, 75.2921)
contains.

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Color

**XYZ(85.4743, 90.7148,
75.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4D4
RGB	255, 244, 212
RGB Percent	100%, 96%, 83%
CMY	0.0000, 0.0431, 0.1686
CMYK	0.00, 0.04, 0.17, 0.00
HSL	45°, 100%, 92%
HSV	45°, 17%, 100%
XYZ	85.4743, 90.7148, 75.2921
YIQ	243.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

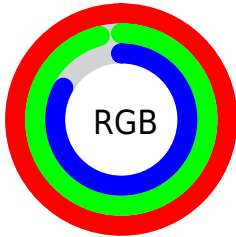
Format	Color
R_{YB}	227, 255, 212
Decimal	16774356
CIE _{Lab}	96.29, -1.40, 16.75
CIE _{LCh}	96, 16.808, 94.787
Y _{xy}	90.7148, 0.3399, 0.3607
Android (android.graphics.Color)	4294964436 (0xFFFFF4D4)
Y_{UV}	243.6410, -15.5990, 9.9618
Hunter-Lab	95.2443, -6.4878, 19.8014

Details

The XYZ color **85.4743, 90.7148, 75.2921** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.5885, 73.9904, 105.1162**, and the grayscale version is **85.8153, 90.2844, 98.3197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3577, 50.4065, 39.1317** is the 20% darker color. If you saturate the color by 10%, you get **80.5816, 85.6770, 59.0249**, and if you desaturate by 10%, it is **90.9488, 96.1025, 94.2619**.

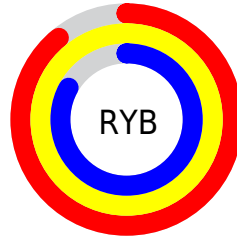
Distribution



Red (100%)

Green (96%)

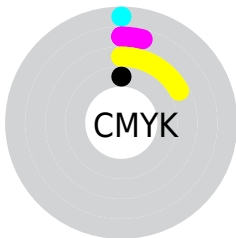
Blue (83%)



Red (89%)

Yellow (100%)

Blue (83%)

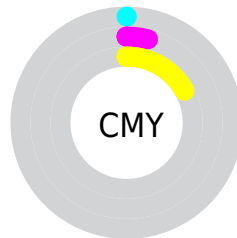


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4743, 90.7148, 75.2921 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 85.4743, 90.7148, 75.2921 by changing the saturation by 10% instead.


 85.4743, 90.7148,
75.2921

 85.4743, 90.7148,
75.2921


501.6563,
530.3533, 498.2031

 64.5572, 68.5736,
55.3491


139.9463,
148.3309, 128.4767

 47.3655, 50.3646,
39.2808


174.2318,
184.5746, 162.5552

 33.5338, 35.7032,
26.6687


213.7042,
226.2880, 202.1828

 22.6969, 24.2050,
17.0943

258.7288,
273.8554, 247.7777

 14.4893, 15.4858,
10.1391

309.6709,
327.6612, 299.7587

 8.5457, 9.1610,
5.3845

366.8960,

 4.5008, 4.8464,

388.0899, 358.5443

2.4119

430.7693,
455.5258, 424.5529

■ 1.9892, 2.1574,
0.7929

■ 0.6279, 0.6966,
0.0000

■ 85.4743, 90.7148,
75.2921

■ 85.4743, 90.7148,
75.2921

■ 80.5816, 85.6770,
59.0249

■ 90.9488, 96.1025,
94.2619

■ 76.2398, 80.9664,
45.3289

95.0500, 100.0000,
108.9000

■ 72.4245, 76.5752,
34.0707

■ 69.1070, 72.4908,
25.1022

■ 66.2555, 68.6991,
18.2592

■ 63.8338, 65.1845,
13.3554

■ 61.7998, 61.9290,
10.1723

■ 60.1000, 58.9099,
8.4329

■ 59.6105, 58.0011,
8.0535

Harmonies

Analogous

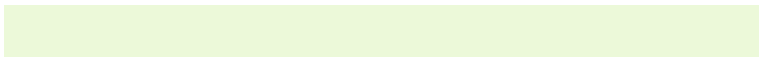
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1049, 90.7148, 77.2795



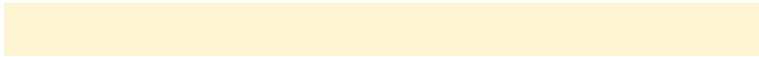
85.4743, 90.7148, 75.2921



81.1980, 90.7148, 79.1166

Triad

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



85.4743, 90.7148, 75.2921



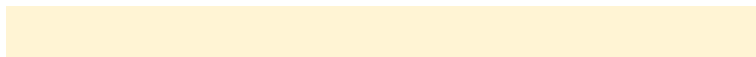
79.0532, 90.7148, 114.1883



94.6061, 90.7148, 110.1414

Complementary

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



85.4743, 90.7148, 75.2921



71.5885, 73.9904, 105.1162

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.



91.4485, 90.7148, 121.4420



85.4743, 90.7148, 75.2921



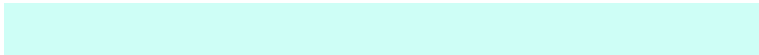
82.4517, 90.7148, 123.9224

Square

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



85.4743, 90.7148, 75.2921



77.5770, 90.7148, 100.9353



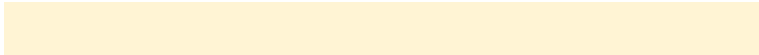
86.9734, 90.7148, 126.6892



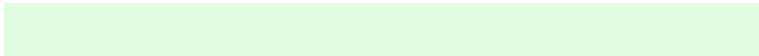
95.4859, 90.7148, 96.6418

Rectangle

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



85.4743, 90.7148, 75.2921



79.0894, 90.7148, 84.6700



86.9734, 90.7148, 126.6892



93.7704, 90.7148, 114.3610

Sweetspot

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



85.4765, 90.7187, 75.2940



92.0334, 97.1435, 98.1013



78.1665, 73.7009, 80.2493



19.6108, 20.7083, 20.6851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

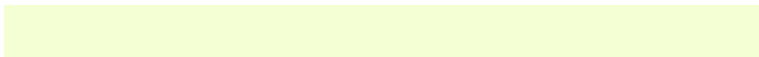
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4765, 90.7187, 75.2940



83.8794, 89.1003, 69.9039



85.2886, 95.6801, 76.2616



19.1450, 20.2581, 19.0455



31.2741, 30.5595, 4.2502



3.1327, 3.1509, 0.4431

Inverse Universe

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



71.5885, 73.9904, 105.1162



67.7749, 69.7035, 104.4897



71.7288, 69.8430, 104.3083



17.3804, 18.1325, 22.8338



10.5256, 5.9608, 50.0304



1.1081, 0.7468, 4.8990

Previews

White Background



This preview shows how the XYZ color 85.4743, 90.7148, 75.2921 looks on a white background.

Color Contrast Check

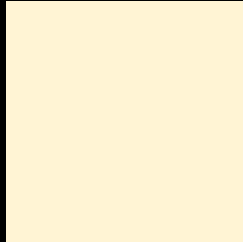
Large Text (above 18pt) WCAG AA × Fail

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 85.4743, 90.7148, 75.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

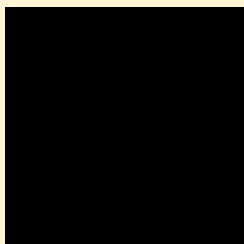
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4743, 90.7148, 75.2921

Background



This preview shows how black text looks on a background with the XYZ color 85.4743, 90.7148, 75.2921.



This preview shows how white text looks on a background with the XYZ color 85.4743, 90.7148,

75.2921.

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

85.4743, 90.7148, 75.2921

Protanopia

85.8564, 90.8677, 77.3041

Deuteranopia

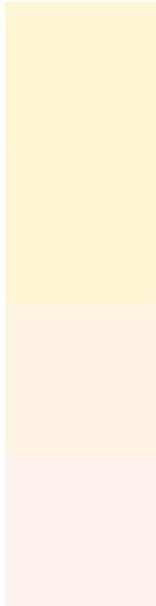
88.1325, 90.8204, 92.2419



Tritanopia

89.9708, 90.6085, 104.8427

Trichromacy



Original Color

85.4743, 90.7148, 75.2921

Protanomaly

85.7283, 90.8164, 76.6293

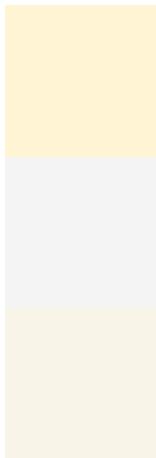
Deuteranomaly

87.1557, 90.9072, 85.6263

Tritanomaly

87.9814, 90.2850, 92.9104

Monochromacy



Original Color

85.4743, 90.7148, 75.2921

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 85.4743, 90.7148, 75.2921 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, 244, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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, 244, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 212) }
```

Border

The CSS property to change the border of an element to XYZ 85.4743, 90.7148, 75.2921 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, 244, 212) }
```


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

```
.border{ border-color:rgb(255, 244, 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, 244, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4743, 90.7148, 75.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 212) }
```

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

```
.background{ background-color: rgb(255,  
244, 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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