

Converting Colors

XYZ(87.7374, 91.6455, 90.6476)

Have a look what the booklet for
XYZ(87.7374, 91.6455, 90.6476)
contains.

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Color

**XYZ(87.7100, 91.5245,
90.8851)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF4EA
RGB	253, 244, 234
RGB Percent	99%, 96%, 92%
CMY	0.0078, 0.0431, 0.0823
CMYK	0.00, 0.04, 0.08, 0.01
HSL	32°, 83%, 95%
HSV	32°, 8%, 99%
XYZ	87.7100, 91.5245, 90.8851
YIQ	245.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

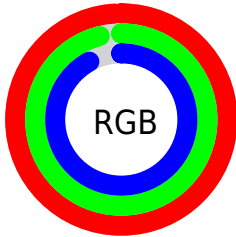
Format	Color
R _Y B	251, 253, 234
Decimal	16643306
CIE Lab	96.63, 1.33, 5.87
CIE LCh	97, 6.021, 77.207
Yxy	91.5245, 0.3247, 0.3388
Android (android.graphics.Color)	4294833386 (0xFFFD4EA)
YUV	245.5510, -5.6946, 6.5328
Hunter-Lab	95.6684, -3.7688, 10.6424

Details

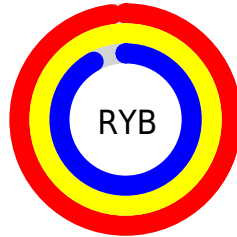
The XYZ color **87.7100, 91.5245, 90.8851** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7118, 88.6841, 105.6353**, and the grayscale version is **87.2766, 91.8218, 99.9940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7841, 50.9166, 49.3762** is the 20% darker color. If you saturate the color by 10%, you get **80.8446, 83.2004, 71.9264**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

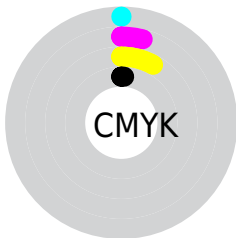
Distribution



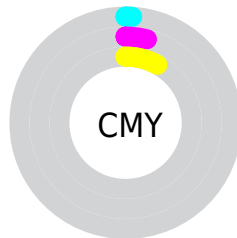
- Red (99%)
- Green (96%)
- Blue (92%)



- Red (98%)
- Yellow (99%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7100, 91.5245, 90.8851 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 87.7100, 91.5245, 90.8851 by changing the saturation by 10% instead.

87.7100, 91.5245,
90.8851

87.7100, 91.5245,
90.8851

508.9027,
532.9776, 551.5501

66.4129, 69.2458,
68.1371

143.0479,
149.4542, 150.5135

48.8766, 50.9119,
49.5419

177.8195,
185.8739, 188.2310

34.7357, 36.1385,
34.6809

217.8133,
227.7761, 231.7754

23.6249, 24.5412,
23.1356

263.3946,
275.5451, 281.5652

15.1789, 15.7355,
14.4874

314.9289,
329.5654, 338.0191

9.0321, 9.3372,
8.3178

372.7814,

4.8194, 4.9618,

390.2213, 401.5555

4.2083

437.3176,
457.8972, 472.5930

■ 2.1754, 2.2249,
1.7403

■ 0.7297, 0.7335,
0.3881

■ 87.7100, 91.5245,
90.8851

■ 87.7100, 91.5245,
90.8851

■ 80.8446, 83.2004,
71.9264

94.3185, 99.6229,
108.8658

■ 74.7038, 75.5308,
55.6608

■ 69.2620, 68.5014,
41.9651

■ 64.4892, 62.0925,
30.7045

■ 60.3530, 56.2835,
21.7314

■ 56.8176, 51.0519,
14.8822

■ 53.8427, 46.3736,
9.9711

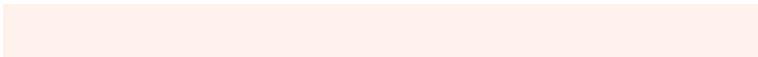
■ 51.3818, 42.2211,
6.7796

■ 49.3755, 38.5616,
5.0217

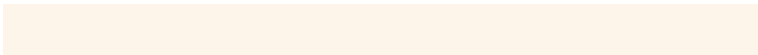
Harmonies

Analogous

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



89.2089, 91.5245, 93.0056



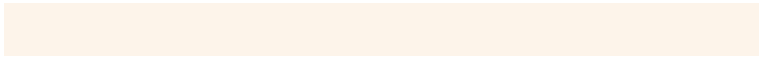
87.7100, 91.5245, 90.8851



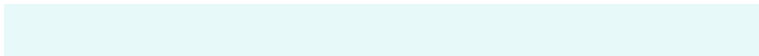
86.0372, 91.5245, 91.0590

Triad

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



87.7100, 91.5245, 90.8851



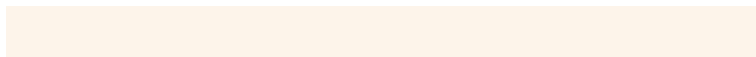
83.9358, 91.5245, 102.4222



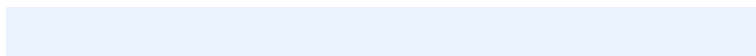
89.3883, 91.5245, 106.0860

Complementary

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



87.7100, 91.5245, 90.8851



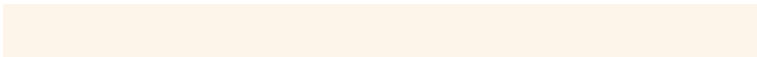
83.7118, 88.6841, 105.6353

Split Complementary

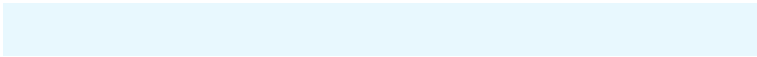
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9524, 91.5245, 108.7748



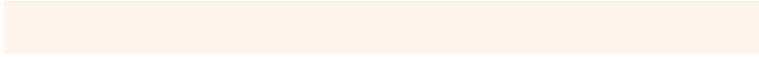
87.7100, 91.5245, 90.8851



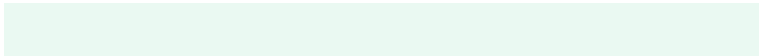
84.8108, 91.5245, 106.6132

Square

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



87.7100, 91.5245, 90.8851



83.8728, 91.5245, 97.6160



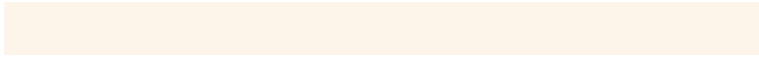
86.2765, 91.5245, 108.9709



90.1862, 91.5245, 101.7214

Rectangle

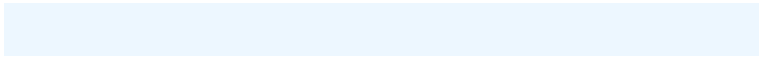
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7100, 91.5245, 90.8851



85.0486, 91.5245, 92.4521



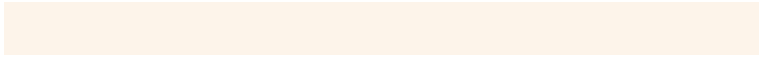
86.2765, 91.5245, 108.9709



88.9634, 91.5245, 107.2218

Sweetspot

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



87.7125, 91.5285, 90.8871



93.4742, 98.1449, 104.3775



86.1374, 86.2118, 97.0411



20.0239, 21.0266, 22.3885



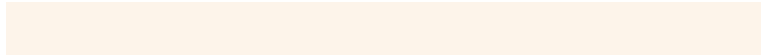
0.0000, 0.0000, 0.0000



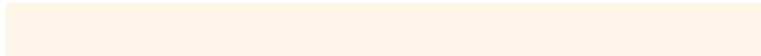
20.3446, 21.4041, 23.3091

Same Dimension

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



87.7125, 91.5285, 90.8871



88.2037, 91.8713, 89.4653



90.3706, 97.0155, 91.8061



18.8010, 19.5702, 18.9308



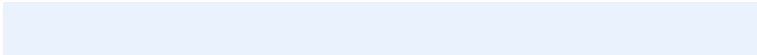
26.1736, 20.3585, 2.5501



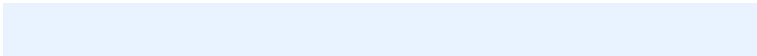
2.6579, 2.2011, 0.2848

Inverse Universe

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



83.7118, 88.6841, 105.6353



83.3703, 88.4349, 107.2833



81.1895, 83.4850, 104.7647



17.7123, 18.7962, 22.9444



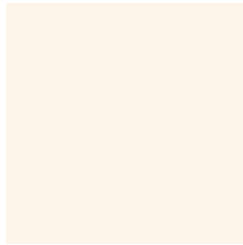
13.1340, 11.1776, 50.8998



1.3872, 1.3051, 4.9921

Previews

White Background



This preview shows how the XYZ color 87.7100, 91.5245, 90.8851 looks on a white background.

Color Contrast Check

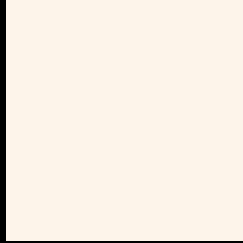
Large Text (above 18pt) WCAG AA × Fail

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 87.7100, 91.5245, 90.8851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

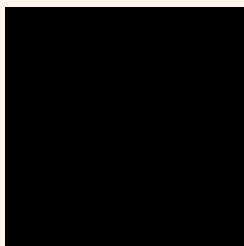
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

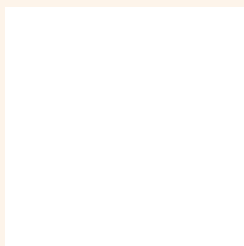
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7100, 91.5245, 90.8851

Background



This preview shows how black text looks on a background with the XYZ color 87.7100, 91.5245, 90.8851.



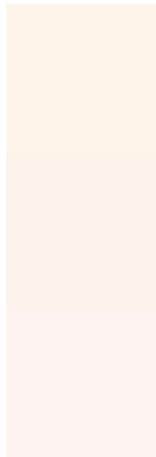
This preview shows how white text looks on a background with the XYZ color 87.7100, 91.5245,

90.8851.

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

87.7100, 91.5245, 90.8851

Protanopia

87.3469, 91.3373, 90.8681

Deuteranopia

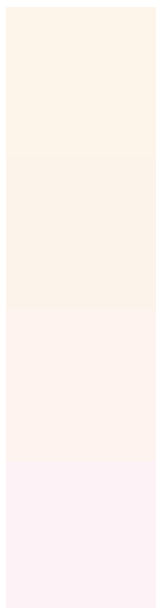
89.3176, 91.7720, 97.0106



Tritanopia

90.3101, 91.6069, 107.5298

Trichromacy



Original Color

87.7100, 91.5245, 90.8851

Protanomaly

87.3469, 91.3373, 90.8681

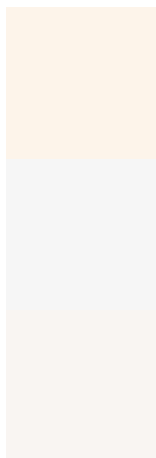
Deuteranomaly

88.5036, 91.4040, 94.6395

Tritanomaly

89.3471, 91.6992, 100.9863

Monochromacy



Original Color

87.7100, 91.5245, 90.8851

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7463, 91.8554, 97.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7100, 91.5245, 90.8851 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(253, 244, 234) looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 234)  
}
```

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(253, 244, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 234) }
```

Border

The CSS property to change the border of an element to XYZ 87.7100, 91.5245, 90.8851 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(253, 244, 234) }
```


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

```
.border{ border-color:rgb(253, 244, 234) }
```

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

Here you see how a box with a 4 pixel rgb(253, 244, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7100, 91.5245, 90.8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 234) }
```

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

```
.background{ background-color: rgb(253,  
244, 234) }
```

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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