

Converting Colors

XYZ(120.1804, 111.0937,
78.1721)

Have a look what the booklet for
XYZ(120.1804, 111.0937, 78.1721)
contains.

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Color

**XYZ(87.4358, 94.4353,
76.5703)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAD5
RGB	255, 250, 213
RGB Percent	100%, 98%, 84%
CMY	0.0000, 0.0196, 0.1647
CMYK	0.00, 0.02, 0.16, 0.00
HSL	53°, 100%, 92%
HSV	53°, 16%, 100%
XYZ	87.4358, 94.4353, 76.5703
YIQ	247.2770, 14.8570, -10.4470

Conversions

Conversions Part 2

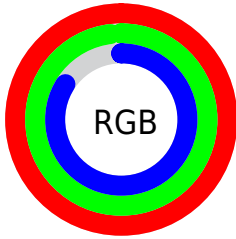
Format	Color
R _Y B	219, 255, 213
Decimal	16775893
CIE Lab	97.81, -4.27, 18.37
CIE LCh	98, 18.855, 103.081
Yxy	94.4353, 0.3383, 0.3654
Android (android.graphics.Color)	4294965973 (0xFFFFFAD5)
YUV	247.2770, -16.8986, 6.7731
Hunter-Lab	97.1778, -9.4557, 21.3075

Details

The XYZ color **87.4358, 94.4353, 76.5703** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.5615, 71.5070, 104.6910**, and the grayscale version is **88.7602, 93.3827, 101.6937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7520, 53.0580, 40.0195** is the 20% darker color. If you saturate the color by 10%, you get **83.5164, 91.3752, 60.5314**, and if you desaturate by 10%, it is **91.8839, 97.7374, 95.2986**.

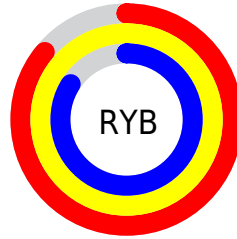
Distribution



Red (100%)

Green (98%)

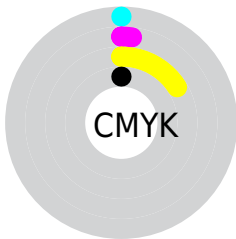
Blue (84%)



Red (86%)

Yellow (100%)

Blue (84%)

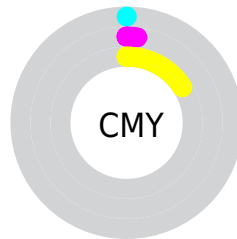


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.4358, 94.4353, 76.5703 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 87.4358, 94.4353, 76.5703 by changing the saturation by 10% instead.


 87.4358, 94.4353,
76.5703

 87.4358, 94.4353,
76.5703


508.0169,
542.3556, 502.6964

 66.1851, 71.6651,
56.3908


142.6680,
153.4842, 130.3002

 48.6910, 52.8851,
40.1103


177.3802,
190.5317, 164.6877

 34.5879, 37.7111,
27.3101


217.3103,
233.1070, 204.6483

 23.5107, 25.7585,
17.5717

262.8237,
281.5946, 250.6005

 15.0938, 16.6431,
10.4767

314.2857,
336.3789, 302.9629

 8.9720, 9.9803,
5.6064

372.0617,

 4.7799, 5.3859,

397.8442, 362.1540

2.5424

436.5170,
466.3750, 428.5923

■ 2.1521, 2.4754,
0.8625

■ 0.7173, 0.8643,
0.0000

■ 87.4358, 94.4353,
76.5703

■ 87.4358, 94.4353,
76.5703

■ 83.5164, 91.3752,
60.5314

■ 91.8839, 97.7374,
95.2986

■ 80.0951, 88.5354,
47.0510

95.0500, 100.0000,
108.9000

■ 77.1485, 85.9094,
35.9961

■ 74.6485, 83.4860,
27.2195

■ 72.5641, 81.2526,
20.5581

■ 70.8600, 79.1950,
15.8267

■ 69.4951, 77.2966,
12.8086

■ 68.4178, 75.5367,
11.2325

■ 68.0788, 74.9375,
10.8763

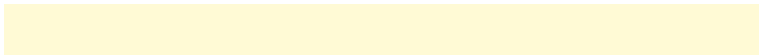
Harmonies

Analogous

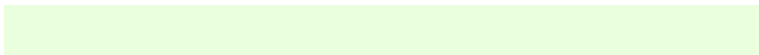
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8037, 94.4353, 76.9932



87.4358, 94.4353, 76.5703



82.8727, 94.4353, 82.6585

Triad

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



87.4358, 94.4353, 76.5703



82.4088, 94.4353, 124.4274



100.0282, 94.4353, 111.6935

Complementary

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



87.4358, 94.4353, 76.5703



70.5615, 71.5070, 104.6910

Split Complementary

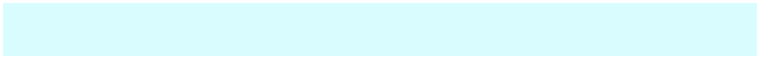
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0143, 94.4353, 126.0282



87.4358, 94.4353, 76.5703



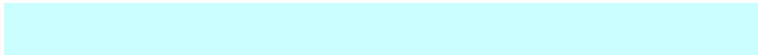
86.7795, 94.4353, 133.8687

Square

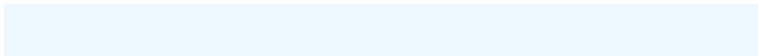
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.4358, 94.4353, 76.5703



80.0495, 94.4353, 109.6795



92.1208, 94.4353, 134.4822



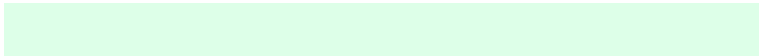
100.2212, 94.4353, 96.2603

Rectangle

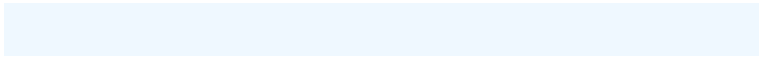
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.4358, 94.4353, 76.5703



80.8423, 94.4353, 89.9800



92.1208, 94.4353, 134.4822



99.3061, 94.4353, 116.8355

Sweetspot

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



87.4381, 94.4394, 76.5723



92.5829, 98.2424, 98.2844



77.7686, 73.9431, 76.9169



19.7447, 20.9761, 20.7297



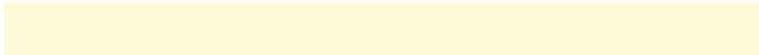
0.0000, 0.0000, 0.0000



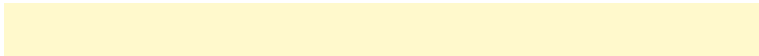
20.3446, 21.4041, 23.3091

Same Dimension

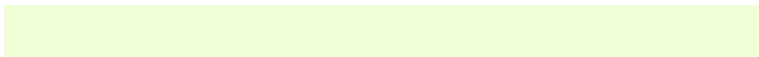
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4381, 94.4394, 76.5723



85.9950, 93.3314, 70.6091



83.5703, 94.7797, 76.8418



19.3660, 20.7002, 19.1192



35.6458, 39.3027, 5.7075



3.5206, 3.9265, 0.5723

Inverse Universe

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



70.5615, 71.5070, 104.6910



66.0142, 66.1822, 103.9029



73.9671, 71.3692, 104.4849



17.1769, 17.7255, 22.7660



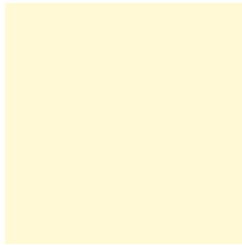
9.7328, 4.3751, 49.7661



1.0006, 0.5319, 4.8632

Previews

White Background



This preview shows how the XYZ color 87.4358, 94.4353, 76.5703 looks on a white background.

Color Contrast Check

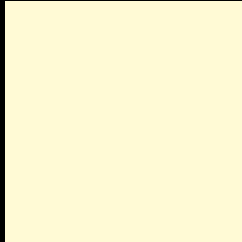
Large Text (above 18pt) WCAG AA × Fail

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 87.4358, 94.4353, 76.5703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

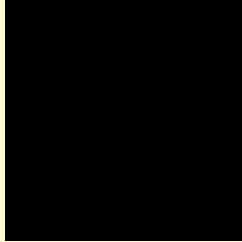
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.4358, 94.4353, 76.5703

Background



This preview shows how black text looks on a background with the XYZ color 87.4358, 94.4353, 76.5703.

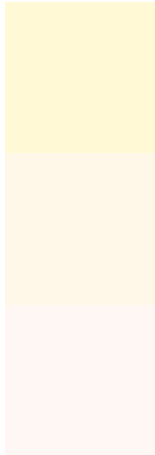


This preview shows how white text looks on a background with the XYZ color 87.4358, 94.4353,

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

87.4358, 94.4353, 76.5703

Protanopia

89.3729, 94.2210, 89.8199

Deuteranopia

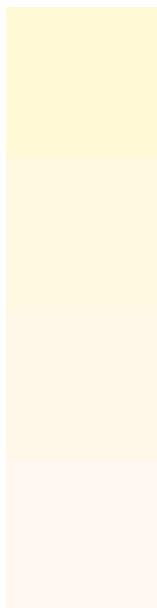
90.8299, 94.3132, 99.0050



Tritanopia

92.2458, 94.3915, 107.9653

Trichromacy



Original Color

87.4358, 94.4353, 76.5703

Protanomaly

88.7063, 94.4476, 84.7891

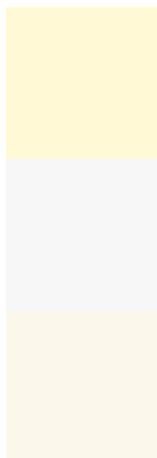
Deuteranomaly

89.5154, 94.2780, 90.5703

Tritanomaly

90.2289, 94.0728, 95.8404

Monochromacy



Original Color

87.4358, 94.4353, 76.5703

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9871, 93.4570, 91.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4358, 94.4353, 76.5703 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, 250, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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(255, 250, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 213) }
```

Border

The CSS property to change the border of an element to XYZ 87.4358, 94.4353, 76.5703 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, 250, 213) }
```


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

```
.border{ border-color:rgb(255, 250, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 250, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4358, 94.4353, 76.5703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 213) }
```

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

```
.background{ background-color: rgb(255,  
250, 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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