

Converting Colors

XYZ(97.4191, 100.0000,
82.4243)

Have a look what the booklet for
XYZ(97.4191, 100.0000, 82.4243)
contains.

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Color

**XYZ(88.7883, 95.4748,
82.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBDD
RGB	255, 251, 221
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0157, 0.1333
CMYK	0.00, 0.02, 0.13, 0.00
HSL	53°, 100%, 93%
HSV	53°, 13%, 100%
XYZ	88.7883, 95.4748, 82.1555
YIQ	248.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

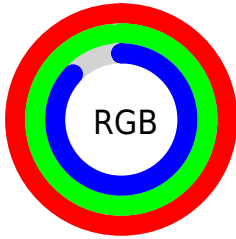
Format	Color
R _Y B	226, 255, 221
Decimal	16776157
CIE Lab	98.22, -3.57, 14.86
CIE LCh	98, 15.281, 103.495
Yxy	95.4748, 0.3333, 0.3584
Android (android.graphics.Color)	4294966237 (0xFFFFFBDD)
YUV	248.7760, -13.6936, 5.4584
Hunter-Lab	97.7112, -8.7951, 18.5469

Details

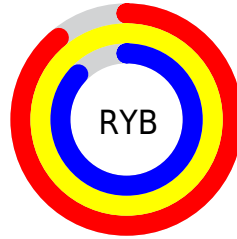
The XYZ color **88.7883, 95.4748, 82.1555** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.7935, 76.4406, 105.4202**, and the grayscale version is **89.9626, 94.6476, 103.0713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6867, 53.7892, 43.8400** is the 20% darker color. If you saturate the color by 10%, you get **84.7179, 92.3643, 65.2909**, and if you desaturate by 10%, it is **93.3941, 98.8294, 101.7469**.

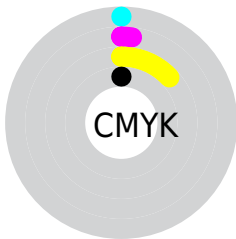
Distribution



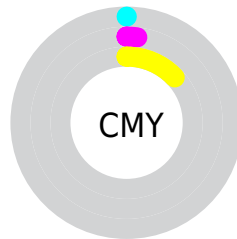
- Red (100%)
- Green (98%)
- Blue (87%)



- Red (89%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7883, 95.4748, 82.1555 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 88.7883, 95.4748, 82.1555 by changing the saturation by 10% instead.

88.7883, 95.4748,
82.1555

88.7883, 95.4748,
82.1555

512.3782,
545.6839, 522.0648

67.3091, 72.5302,
60.9572

144.5411,
154.9204, 138.2307

49.6075, 53.5919,
43.7603

179.5453,
192.1902, 173.9446

35.3181, 38.2755,
30.1463

219.7886,
235.0039, 215.3341

24.0757, 26.1966,
19.6966

265.6363,
283.7458, 262.8178

15.5148, 16.9708,
11.9928

317.4537,
338.8003, 316.8142

9.2701, 10.2136,
6.6163

375.6063,

4.9763, 5.5408,

400.5519, 377.7418

3.1485

440.4593,
469.3850, 446.0191

■ 2.2680, 2.5680,
1.1710

■ 0.7782, 0.9106,
0.0000

■ 88.7883, 95.4748,
82.1555

■ 88.7883, 95.4748,
82.1555

■ 84.7179, 92.3643,
65.2909

■ 93.3941, 98.8294,
101.7469

■ 81.1529, 89.4764,
51.0247

95.0500, 100.0000,
108.9000

■ 78.0705, 86.8051,
39.2275

■ 75.4435, 84.3392,
29.7562

■ 73.2419, 82.0668,
22.4531

■ 71.4318, 79.9741,
17.1409

■ 69.9743, 78.0455,
13.6141

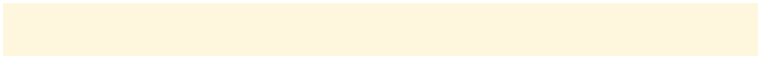
■ 68.8219, 76.2619,
11.6231

■ 68.1774, 75.1349,
10.9091

Harmonies

Analogous

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



93.1677, 95.4748, 82.4370



88.7883, 95.4748, 82.1555



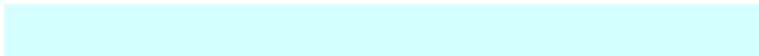
85.0534, 95.4748, 87.3705

Triad

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



88.7883, 95.4748, 82.1555



84.7532, 95.4748, 121.5175



99.0910, 95.4748, 110.9833

Complementary

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



88.7883, 95.4748, 82.1555



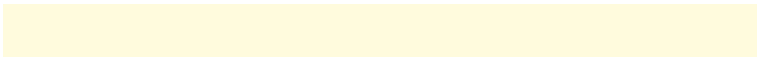
74.7935, 76.4406, 105.4202

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.



96.6870, 95.4748, 122.5174



88.7883, 95.4748, 82.1555



88.3665, 95.4748, 128.9271

Square

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



88.7883, 95.4748, 82.1555



82.7750, 95.4748, 109.7060



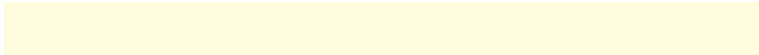
92.7321, 95.4748, 129.3071



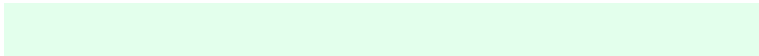
99.2128, 95.4748, 98.4102

Rectangle

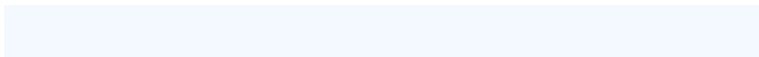
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7883, 95.4748, 82.1555



83.3924, 95.4748, 93.5260



92.7321, 95.4748, 129.3071



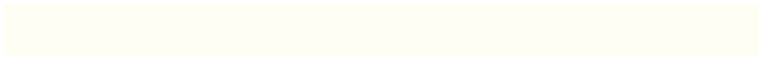
98.5195, 95.4748, 115.1335

Sweetspot

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



88.7906, 95.4788, 82.1575



93.0699, 98.5983, 100.3523



80.7607, 78.4395, 82.5013



19.8432, 21.0486, 21.1463



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.



88.7906, 95.4788, 82.1575



87.6532, 94.6253, 77.3970



85.6130, 95.7125, 82.3701



19.3683, 20.7049, 19.1199



35.6966, 39.4044, 5.7244



3.5250, 3.9354, 0.5738

Inverse Universe

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



74.7935, 76.4406, 105.4202



71.1696, 72.2055, 104.7938



77.6642, 76.3365, 105.2488



17.1748, 17.7213, 22.7653



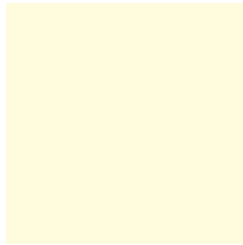
9.7274, 4.3644, 49.7643



0.9996, 0.5299, 4.8629

Previews

White Background



This preview shows how the XYZ color 88.7883, 95.4748, 82.1555 looks on a white background.

Color Contrast Check

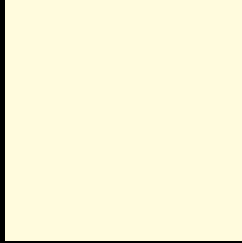
Large Text (above 18pt) WCAG AA × Fail

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 88.7883, 95.4748, 82.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

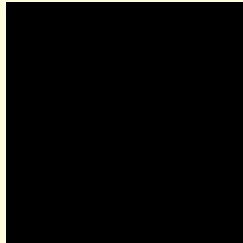
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7883, 95.4748, 82.1555

Background



This preview shows how black text looks on a background with the XYZ color 88.7883, 95.4748, 82.1555.



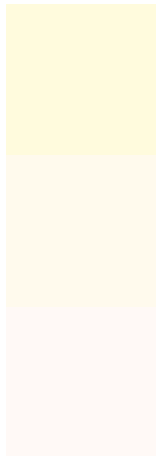
This preview shows how white text looks on a background with the XYZ color 88.7883, 95.4748,

82.1555.

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

88.7883, 95.4748, 82.1555

Protanopia

90.7117, 95.7456, 93.8205

Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

92.4905, 95.4256, 108.1520

Trichromacy



Original Color

88.7883, 95.4748, 82.1555

Protanomaly

89.8494, 95.4007, 89.2799

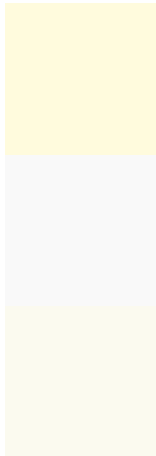
Deuteranomaly

90.7117, 95.7456, 93.8205

Tritanomaly

90.9264, 95.2933, 98.3951

Monochromacy



Original Color

88.7883, 95.4748, 82.1555

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.5493, 95.1124, 95.3001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7883, 95.4748, 82.1555 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, 251, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 221)  
}
```

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, 251, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 221) }
```

Border

The CSS property to change the border of an element to XYZ 88.7883, 95.4748, 82.1555 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, 251, 221) }
```


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

```
.border{ border-color:rgb(255, 251, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7883, 95.4748, 82.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 221) }
```

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

```
.background{ background-color: rgb(255,  
251, 221) }
```

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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