

Converting Colors

XYZ(115.8805, 105.9890,
90.7994)

Have a look what the booklet for
XYZ(115.8805, 105.9890, 90.7994)
contains.

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Color

**XYZ(88.1562, 91.7876,
89.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4E8
RGB	255, 244, 232
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0431, 0.0902
CMYK	0.00, 0.04, 0.09, 0.00
HSL	31°, 100%, 95%
HSV	31°, 9%, 100%
XYZ	88.1562, 91.7876, 89.4144
YIQ	245.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

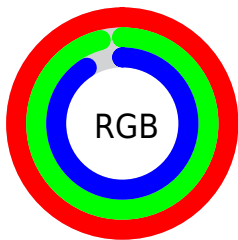
Format	Color
R _Y B	253, 255, 232
Decimal	16774376
CIE Lab	96.73, 1.69, 7.08
CIE LCh	97, 7.278, 76.553
Yxy	91.7876, 0.3273, 0.3408
Android (android.graphics.Color)	4294964456 (0xFFFFF4E8)
YUV	245.9210, -6.8631, 7.9623
Hunter-Lab	95.8058, -3.4126, 11.7295

Details

The XYZ color **88.1562, 91.7876, 89.4144** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3786, 88.4747, 107.2905**, and the grayscale version is **87.5833, 92.1445, 100.3453**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1084, 51.1068, 48.3506** is the 20% darker color. If you saturate the color by 10%, you get **81.2466, 83.3506, 70.5188**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

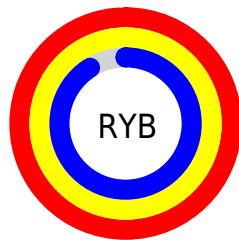
Distribution



Red (100%)

Green (96%)

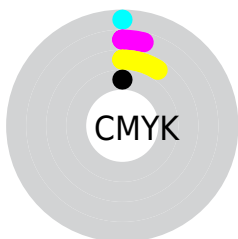
Blue (91%)



Red (99%)

Yellow (100%)

Blue (91%)

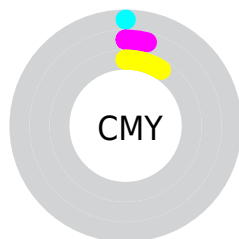


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.1562, 91.7876, 89.4144 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 88.1562, 91.7876, 89.4144 by changing the saturation by 10% instead.


 88.1562, 91.7876,
89.4144

 88.1562, 91.7876,
89.4144

510.3424,
533.8288, 546.6449

 66.7837, 69.4642,
66.9241


143.6660,
149.8190, 148.4531

 49.1789, 51.0899,
48.5617


178.5340,
186.2958, 185.8386

 34.9765, 36.2801,
33.9088


218.6312,
228.2592, 229.0262

 23.8112, 24.6506,
22.5467

264.3229,
276.0935, 278.4344

 15.3176, 15.8170,
14.0570

315.9745,
330.1833, 334.4819

 9.1304, 9.3947,
8.0211

373.9514,

 4.8841, 4.9995,

390.9128, 397.5871

4.0205

438.6189,
458.6666, 468.1686

■ 2.2135, 2.2470,
1.6366

■ 0.7498, 0.7454,
0.3167

■ 88.1562, 91.7876,
89.4144

■ 88.1562, 91.7876,
89.4144

■ 81.2466, 83.3506,
70.5188

95.0500, 100.0000,
108.9000

■ 75.0760, 75.5869,
54.3498

■ 69.6175, 68.4811,
40.7807

■ 64.8399, 62.0129,
29.6720

■ 60.7096, 56.1604,
20.8710

■ 57.1893, 50.9004,
14.2080

■ 54.2371, 46.2074,
9.4893

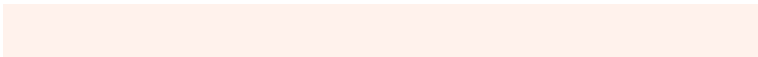
■ 51.8039, 42.0525,
6.4853

■ 49.8201, 38.3983,
4.8577

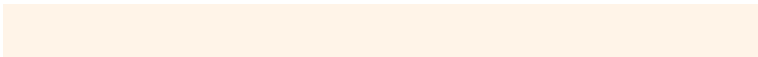
Harmonies

Analogous

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



89.9651, 91.7876, 92.0095



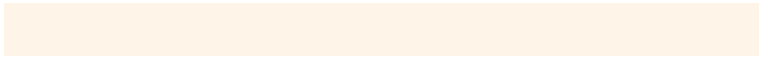
88.1562, 91.7876, 89.4144



86.1292, 91.7876, 89.5607

Triad

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



88.1562, 91.7876, 89.4144



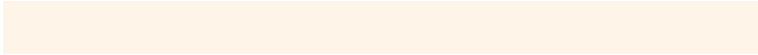
83.5373, 91.7876, 103.1740



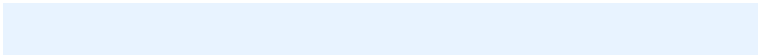
90.1186, 91.7876, 107.8625

Complementary

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



88.1562, 91.7876, 89.4144



83.3786, 88.4747, 107.2905

Split Complementary

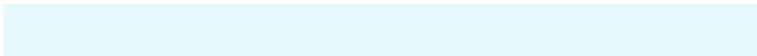
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3630, 91.7876, 111.0941



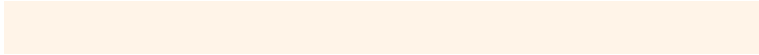
88.1562, 91.7876, 89.4144



84.5731, 91.7876, 108.3158

Square

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



88.1562, 91.7876, 89.4144



83.4838, 91.7876, 97.3528



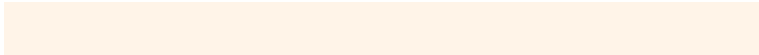
86.3329, 91.7876, 111.2632



91.1100, 91.7876, 102.5748

Rectangle

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



88.1562, 91.7876, 89.4144



84.9274, 91.7876, 91.1906



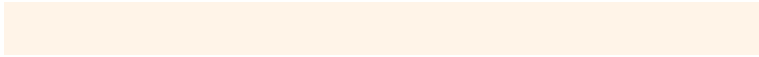
86.3329, 91.7876, 111.2632



89.5970, 91.7876, 109.2342

Sweetspot

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



88.1583, 91.7914, 89.4163



92.6870, 97.2059, 102.1566



86.2926, 85.4524, 96.8330



19.7062, 20.6485, 21.4895



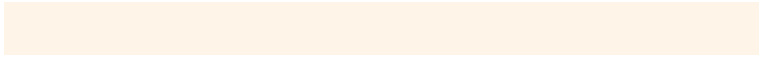
0.0000, 0.0000, 0.0000



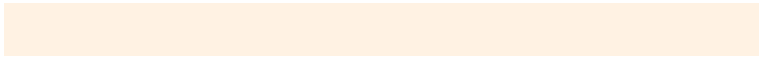
20.3446, 21.4041, 23.3091

Same Dimension

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



88.1583, 91.7914, 89.4163



86.7288, 90.0645, 85.4500



91.4249, 98.5337, 90.5456



18.7939, 19.5560, 18.9285



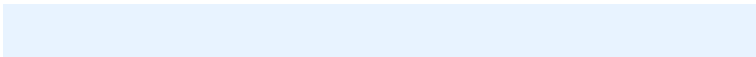
26.0894, 20.1900, 2.5220



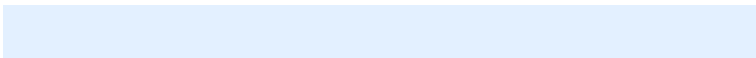
2.6497, 2.1847, 0.2820

Inverse Universe

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



83.3786, 88.4747, 107.2905



80.9786, 86.0744, 106.9537



80.3110, 82.1546, 106.2323



17.7194, 18.8104, 22.9468



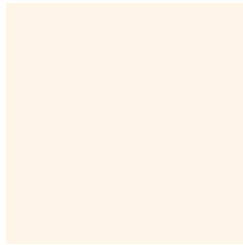
13.2089, 11.3273, 50.9248



1.3947, 1.3201, 4.9946

Previews

White Background



This preview shows how the XYZ color 88.1562, 91.7876, 89.4144 looks on a white background.

Color Contrast Check

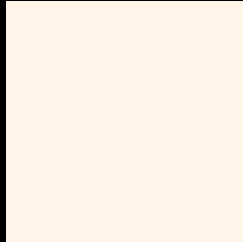
Large Text (above 18pt) WCAG AA × Fail

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 88.1562, 91.7876, 89.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

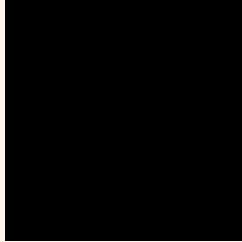
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1562, 91.7876, 89.4144

Background



This preview shows how black text looks on a background with the XYZ color 88.1562, 91.7876, 89.4144.

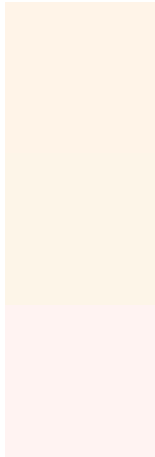


This preview shows how white text looks on a background with the XYZ color 88.1562, 91.7876,

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

88.1562, 91.7876, 89.4144

Protanopia

87.7259, 92.0137, 89.4807

Deuteranopia

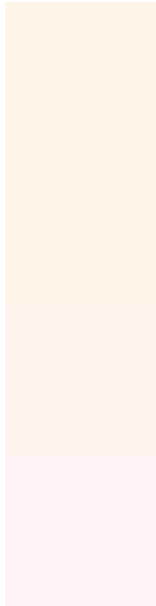
89.3176, 91.7720, 97.0106



Tritanopia

91.0421, 91.9843, 107.5640

Trichromacy



Original Color

88.1562, 91.7876, 89.4144

Protanomaly

88.0909, 92.2018, 89.4978

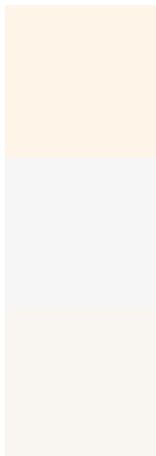
Deuteranomaly

88.7232, 91.5342, 93.8806

Tritanomaly

90.0791, 92.0766, 101.0206

Monochromacy



Original Color

88.1562, 91.7876, 89.4144

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.5965, 91.7954, 96.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1562, 91.7876, 89.4144 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, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 232) }
```

Border

The CSS property to change the border of an element to XYZ 88.1562, 91.7876, 89.4144 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, 232) }
```


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

```
.border{ border-color:rgb(255, 244, 232) }
```

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, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1562, 91.7876, 89.4144 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
244, 232) }
```

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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