

Converting Colors

XYZ(95.7077, 100.0000,
78.7930)

Have a look what the booklet for
XYZ(95.7077, 100.0000, 78.7930)
contains.

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Color

**XYZ(88.6310, 96.4169,
78.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDD7
RGB	255, 253, 215
RGB Percent	100%, 99%, 84%
CMY	0.0000, 0.0078, 0.1569
CMYK	0.00, 0.01, 0.16, 0.00
HSL	57°, 100%, 92%
HSV	57°, 16%, 100%
XYZ	88.6310, 96.4169, 78.2289
YIQ	249.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

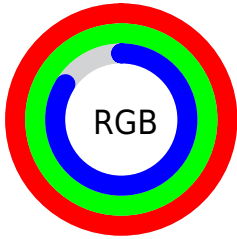
Format	Color
R _Y B	217, 255, 215
Decimal	16776663
CIE Lab	98.60, -5.47, 18.45
CIE LCh	99, 19.247, 106.508
Yxy	96.4169, 0.3366, 0.3662
Android (android.graphics.Color)	4294966743 (0xFFFFFDD7)
YUV	249.2660, -16.8931, 5.0287
Hunter-Lab	98.1921, -10.7170, 21.4986

Details

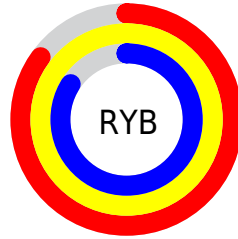
The XYZ color **88.6310, 96.4169, 78.2289** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.8866, 71.2908, 104.6321**, and the grayscale version is **90.3903, 95.0976, 103.5613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3738, 54.0237, 41.0830** is the 20% darker color. If you saturate the color by 10%, you get **85.2073, 94.4107, 62.1625**, and if you desaturate by 10%, it is **92.5728, 98.6410, 96.9901**.

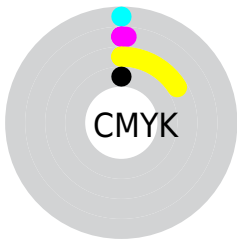
Distribution



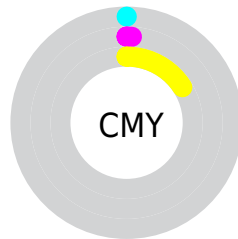
- Red (100%)
- Green (99%)
- Blue (84%)



- Red (85%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6310, 96.4169, 78.2289 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 88.6310, 96.4169, 78.2289 by changing the saturation by 10% instead.

 88.6310, 96.4169,
78.2289

 88.6310, 96.4169,
78.2289


511.8719,
548.6911, 508.4924

 67.1783, 73.3148,
57.7445


144.3234,
156.2207, 132.6616

 49.5008, 54.2334,
41.1899


179.2937,
193.6911, 167.4469

 35.2331, 38.7883,
28.1467


219.5007,
236.7199, 207.8362

 24.0098, 26.5951,
18.1963

265.3096,
285.6912, 254.2481

 15.4657, 17.2694,
10.9201

317.0858,
340.9897, 307.1011

 9.2353, 10.4267,
5.8996

375.1947,

 4.9533, 5.6828,

402.9995, 366.8138

2.7163

440.0017,
472.1052, 433.8047

■ 2.2544, 2.6532,
0.9516

■ 0.7712, 0.9535,
0.0000

■ 88.6310, 96.4169,
78.2289

■ 88.6310, 96.4169,
78.2289

■ 85.2073, 94.4107,
62.1625

■ 92.5728, 98.6410,
96.9901

■ 82.2712, 92.6007,
48.6605

95.0500, 100.0000,
108.9000

■ 79.7994, 90.9807,
37.5909

■ 77.7644, 89.5395,
28.8076

■ 76.1352, 88.2650,
22.1488

■ 74.8773, 87.1432,
17.4316

■ 73.9499, 86.1579,
14.4421

■ 73.3028, 85.2889,
12.9156

■ 73.0787, 84.9373,
12.5429

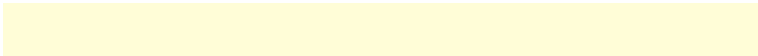
Harmonies

Analogous

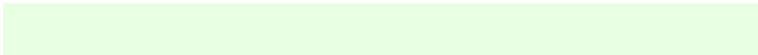
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1633, 96.4169, 77.8858



88.6310, 96.4169, 78.2289



84.0875, 96.4169, 85.2508

Triad

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



88.6310, 96.4169, 78.2289



84.4647, 96.4169, 128.8484



102.4576, 96.4169, 112.3030

Complementary

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



88.6310, 96.4169, 78.2289



70.8866, 71.2908, 104.6321

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.



99.6346, 96.4169, 127.5436



88.6310, 96.4169, 78.2289



89.1648, 96.4169, 137.7290

Square

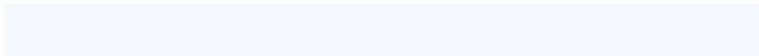
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



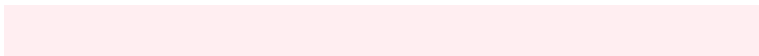
88.6310, 96.4169, 78.2289



81.7496, 96.4169, 113.9428



94.7191, 96.4169, 137.2286



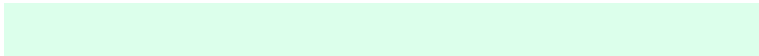
102.3005, 96.4169, 96.5030

Rectangle

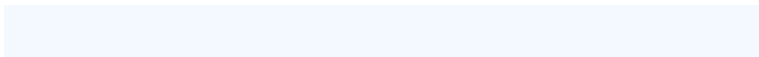
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6310, 96.4169, 78.2289



82.1639, 96.4169, 93.2212



94.7191, 96.4169, 137.2286



101.8210, 96.4169, 117.6917

Sweetspot

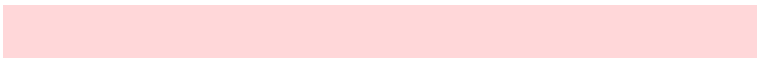
The Sweet Spot groups the original color and five complimentary colors.



88.6333, 96.4210, 78.2309



92.8622, 98.8011, 98.3775



78.0656, 74.8717, 75.9841



19.8128, 21.1124, 20.7525



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

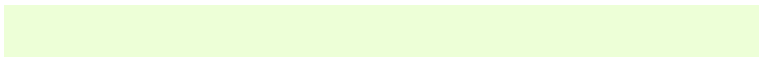
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6333, 96.4210, 78.2309



87.4420, 95.7319, 72.6129



82.9513, 94.4311, 78.1463



19.4791, 20.9263, 19.1569



38.2190, 44.4492, 6.5652



3.7441, 4.3737, 0.6469

Inverse Universe

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



70.8866, 71.2908, 104.6321



66.4484, 66.0043, 103.8456



75.9556, 73.1457, 104.7230



17.0756, 17.5229, 22.7322



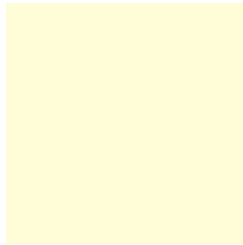
9.5350, 3.9795, 49.7002



0.9528, 0.4363, 4.8473

Previews

White Background



This preview shows how the XYZ color 88.6310, 96.4169, 78.2289 looks on a white background.

Color Contrast Check

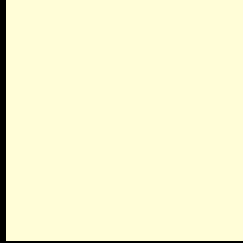
Large Text (above 18pt) WCAG AA × Fail

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 88.6310, 96.4169, 78.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

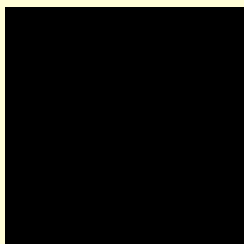
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.6310, 96.4169, 78.2289

Background



This preview shows how black text looks on a background with the XYZ color 88.6310, 96.4169, 78.2289.



This preview shows how white text looks on a background with the XYZ color 88.6310, 96.4169,

78.2289.

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

88.6310, 96.4169, 78.2289



Protanopia

91.4654, 96.5456, 96.2525

Deuteranopia

92.3689, 96.4085, 102.5473

Tritanopia

93.1087, 96.6620, 108.3580

Trichromacy



Original Color

88.6310, 96.4169, 78.2289



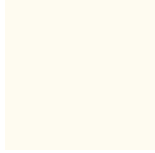
Protanomaly

90.4742, 96.6503, 89.4882



Deuteranomaly

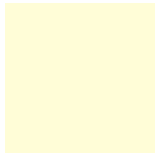
90.8775, 96.3105, 93.1569



Tritanomaly

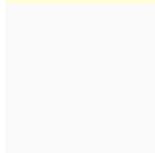
91.0984, 96.3565, 96.2353

Monochromacy



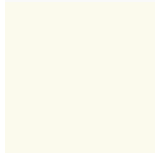
Original Color

88.6310, 96.4169, 78.2289



Achromatopsia

90.0415, 94.7307, 103.1617



Achromatomaly

89.2553, 94.9949, 93.7523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6310, 96.4169, 78.2289 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, 253, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 215)  
}
```

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, 253, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 215) }
```

Border

The CSS property to change the border of an element to XYZ 88.6310, 96.4169, 78.2289 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, 253, 215) }
```


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

```
.border{ border-color:rgb(255, 253, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6310, 96.4169, 78.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 215) }
```

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

```
.background{ background-color: rgb(255,  
253, 215) }
```

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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