

Converting Colors

XYZ(88.7024, 94.9966, 83.0714)

Have a look what the booklet for
XYZ(88.7024, 94.9966, 83.0714)
contains.

XYZ(88.6104, 94.9051, 82.7555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.6104, 94.9051,
82.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFADE
RGB	255, 250, 222
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0196, 0.1294
CMYK	0.00, 0.02, 0.13, 0.00
HSL	51°, 100%, 94%
HSV	51°, 13%, 100%
XYZ	88.6104, 94.9051, 82.7555
YIQ	248.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

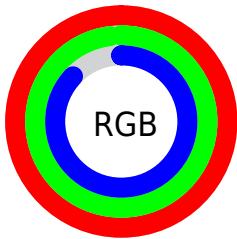
Format	Color
R _Y B	228, 255, 222
Decimal	16775902
CIE Lab	98.00, -2.91, 14.02
CIE LCh	98, 14.324, 101.728
Yxy	94.9051, 0.3328, 0.3564
Android (android.graphics.Color)	4294965982 (0xFFFFFADE)
YUV	248.3030, -12.9674, 5.8733
Hunter-Lab	97.4192, -8.1240, 17.8279

Details

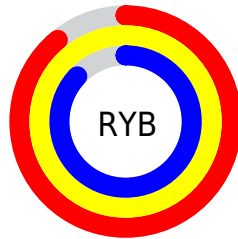
The XYZ color **88.6104, 94.9051, 82.7555** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.6427, 77.6857, 105.6158**, and the grayscale version is **89.5689, 94.2334, 102.6202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5555, 53.3794, 44.2506** is the 20% darker color. If you saturate the color by 10%, you get **84.2616, 91.2695, 65.7003**, and if you desaturate by 10%, it is **93.5052, 98.8046, 102.5453**.

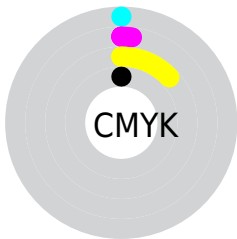
Distribution



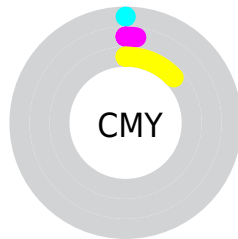
- Red (100%)
- Green (98%)
- Blue (87%)



- 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 88.6104, 94.9051, 82.7555 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 88.6104, 94.9051, 82.7555 by changing the saturation by 10% instead.


 88.6104, 94.9051,
82.7555

 88.6104, 94.9051,
82.7555


511.8056,
543.8611, 524.1209

 67.1612, 72.0560,
61.4490

144.2949,
154.1335, 139.0791

 49.4868, 53.2044,
44.1547


179.2608,
191.2816, 174.9334

 35.2219, 37.9660,
30.4541


219.4630,
233.9647, 216.4740

 24.0012, 25.9563,
19.9285

265.2668,
282.5674, 264.1194

 15.4592, 16.7909,
12.1595

317.0377,
337.4740, 318.2883

 9.2307, 10.0855,
6.7286

375.1408,

 4.9503, 5.4557,

399.0689, 379.3992

3.2171

439.9417,
467.7365, 447.8705

■ 2.2526, 2.5170,
1.2065

■ 0.7702, 0.8852,
0.0000

■ 88.6104, 94.9051,
82.7555

■ 88.6104, 94.9051,
82.7555

■ 84.2616, 91.2695,
65.7003

■ 93.5052, 98.8046,
102.5453

■ 80.4288, 87.8762,
51.2518

95.0500, 100.0000,
108.9000

■ 77.0892, 84.7190,
39.2808

■ 74.2156, 81.7868,
29.6448

■ 71.7780, 79.0673,
22.1866

■ 69.7428, 76.5468,
16.7297

■ 68.0710, 74.2096,
13.0702

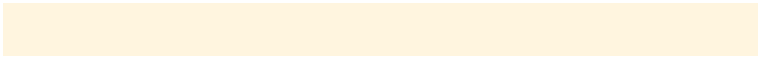
■ 66.7156, 72.0365,
10.9605

■ 65.9009, 70.5817,
10.1503

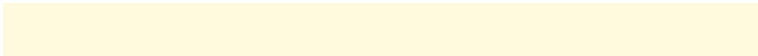
Harmonies

Analogous

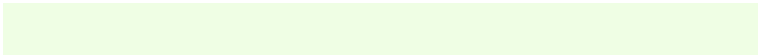
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7004, 94.9051, 83.3324



88.6104, 94.9051, 82.7555



85.0550, 94.9051, 87.3749

Triad

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



88.6104, 94.9051, 82.7555



84.4442, 94.9051, 119.1144



97.9047, 94.9051, 110.5819

Complementary

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



88.6104, 94.9051, 82.7555



75.6427, 77.6857, 105.6158

Split Complementary

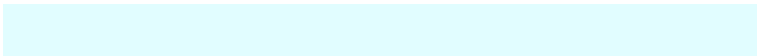
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5577, 94.9051, 121.1303



88.6104, 94.9051, 82.7555



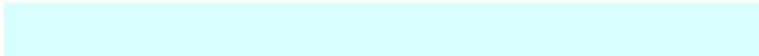
87.7537, 94.9051, 126.3079

Square

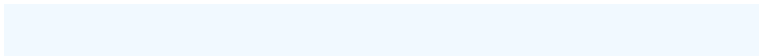
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.6104, 94.9051, 82.7555



82.6988, 94.9051, 107.9963



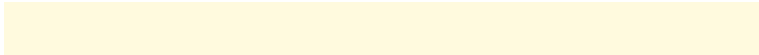
91.8175, 94.9051, 127.0725



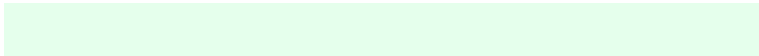
98.1510, 94.9051, 98.8108

Rectangle

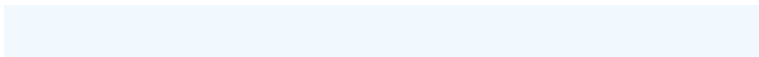
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6104, 94.9051, 82.7555



83.4336, 94.9051, 92.9996



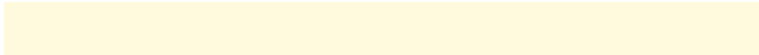
91.8175, 94.9051, 127.0725



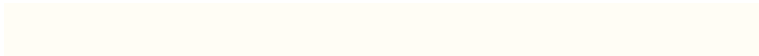
97.3320, 94.9051, 114.4102

Sweetspot

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



88.6126, 94.9091, 82.7575



92.9604, 98.3794, 100.3158



81.2963, 79.0774, 84.0153



19.8154, 20.9930, 21.1371



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.



88.6126, 94.9091, 82.7575



87.2249, 93.7688, 77.2543



86.2535, 96.0272, 83.0977



19.3132, 20.5947, 19.1016



34.5233, 37.0577, 5.3333



3.4221, 3.7295, 0.5395

Inverse Universe

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



75.6427, 77.6857, 105.6158



71.5316, 72.9295, 104.9144



77.7765, 76.7874, 105.3299



17.2249, 17.8213, 22.7820



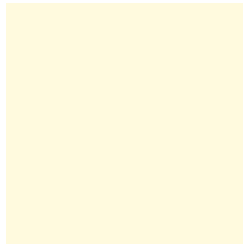
9.8695, 4.6485, 49.8117



1.0230, 0.5768, 4.8707

Previews

White Background



This preview shows how the XYZ color 88.6104, 94.9051, 82.7555 looks on a white background.

Color Contrast Check

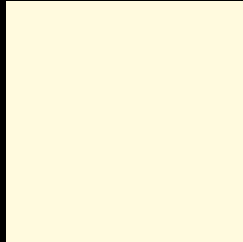
Large Text (above 18pt) WCAG AA × Fail

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 88.6104, 94.9051, 82.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

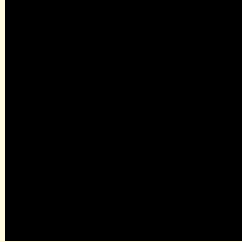
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.6104, 94.9051, 82.7555

Background



This preview shows how black text looks on a background with the XYZ color 88.6104, 94.9051, 82.7555.



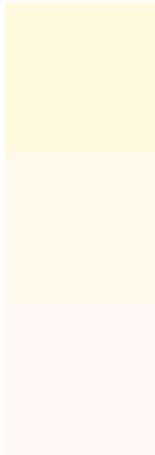
This preview shows how white text looks on a background with the XYZ color 88.6104, 94.9051,

82.7555.

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

88.6104, 94.9051, 82.7555

Protanopia

90.1111, 95.0095, 92.1866

Deuteranopia

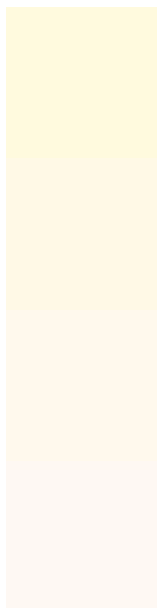
91.2888, 94.9874, 99.9092



Tritanopia

92.1838, 94.8124, 108.0497

Trichromacy



Original Color

88.6104, 94.9051, 82.7555

Protanomaly

89.3986, 94.7245, 88.4348

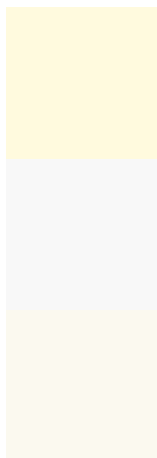
Deuteranomaly

90.4017, 95.1258, 93.7172

Tritanomaly

90.6181, 94.6767, 98.2924

Monochromacy



Original Color

88.6104, 94.9051, 82.7555

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2393, 94.4926, 95.1968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6104, 94.9051, 82.7555 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 222) }
```

Border

The CSS property to change the border of an element to XYZ 88.6104, 94.9051, 82.7555 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, 222) }
```


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

```
.border{ border-color:rgb(255, 250, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 250, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 250, 222); box-shadow:4px 4px 4px 4px rgb(255, 250, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6104, 94.9051, 82.7555 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
250, 222) }
```

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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