

Converting Colors

XYZ(131.7516, 119.0532,
79.5724)

Have a look what the booklet for
XYZ(131.7516, 119.0532, 79.5724)
contains.

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Color

**XYZ(88.8194, 96.9987,
77.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFED6
RGB	255, 254, 214
RGB Percent	100%, 100%, 84%
CMY	0.0000, 0.0039, 0.1608
CMYK	0.00, 0.00, 0.16, 0.00
HSL	59°, 100%, 92%
HSV	59°, 16%, 100%
XYZ	88.8194, 96.9987, 77.6597
YIQ	249.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

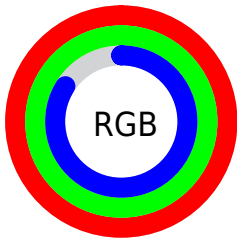
Format	Color
R_{YB}	215, 255, 214
Decimal	16776918
CIE _{Lab}	98.83, -6.11, 19.29
CIE _{LCh}	99, 20.232, 107.592
Yxy	96.9987, 0.3371, 0.3681
Android (android.graphics.Color)	4294966998 (0xFFFFFED6)
YUV	249.7390, -17.6193, 4.6139
Hunter-Lab	98.4879, -11.3771, 22.1902

Details

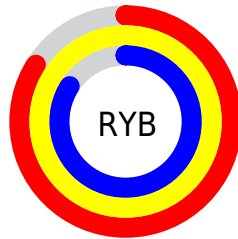
The XYZ color **88.8194, 96.9987, 77.6597** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.0815, 70.1151, 104.4476**, and the grayscale version is **90.7860, 95.5140, 104.0147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5130, 54.4415, 40.6995** is the 20% darker color. If you saturate the color by 10%, you get **85.6194, 95.4086, 61.7643**, and if you desaturate by 10%, it is **92.5346, 98.8023, 96.2445**.

Distribution



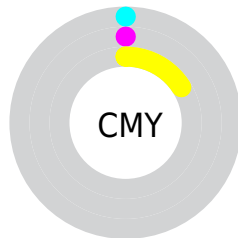
- Red (100%)
- Green (100%)
- Blue (84%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8194, 96.9987, 77.6597 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 88.8194, 96.9987, 77.6597 by changing the saturation by 10% instead.


 88.8194, 96.9987,
77.6597

 88.8194, 96.9987,
77.6597


512.4782,
550.5440, 506.5076

 67.3349, 73.7996,
57.2797


144.5841,
157.0230, 131.8518

 49.6286, 54.6300,
40.8190


179.5950,
194.6170, 166.5010

 35.3349, 39.1056,
27.8590


219.8455,
237.7781, 206.7436

 24.0887, 26.8419,
17.9813

265.7008,
286.8908, 252.9982

 15.5245, 17.4545,
10.7673

317.5264,
342.3392, 305.6834

 9.2770, 10.5591,
5.7984

375.6876,

 4.9809, 5.7712,

404.5080, 365.2177

2.6561

440.5498,
473.7815, 432.0196

■ 2.2707, 2.7065,
0.9212

■ 0.7796, 0.9805,
0.0000

■ 88.8194, 96.9987,
77.6597

■ 88.8194, 96.9987,
77.6597

■ 85.6194, 95.4086,
61.7643

■ 92.5346, 98.8023,
96.2445

■ 82.9039, 94.0101,
48.4276

95.0500, 100.0000,
108.9000

■ 80.6498, 92.7972,
37.5172

■ 78.8291, 91.7587,
28.8863

■ 77.4111, 90.8822,
22.3726

■ 76.3608, 90.1539,
17.7920

■ 75.6373, 89.5572,
14.9292

■ 75.1898, 89.0720,
13.5169

■ 75.0601, 88.9003,
13.2034

Harmonies

Analogous

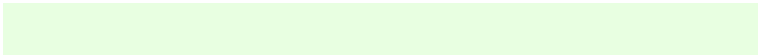
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6450, 96.9987, 77.0438



88.8194, 96.9987, 77.6597



84.0961, 96.9987, 85.2492

Triad

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



88.8194, 96.9987, 77.6597



84.7780, 96.9987, 131.3714



103.6826, 96.9987, 112.7262

Complementary

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



88.8194, 96.9987, 77.6597



70.0815, 70.1151, 104.4476

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.



100.7965, 96.9987, 128.9908



88.8194, 96.9987, 77.6597



89.7864, 96.9987, 140.4984

Square

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



88.8194, 96.9987, 77.6597



81.8319, 96.9987, 115.7065



95.6537, 96.9987, 139.5836



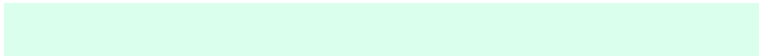
103.3966, 96.9987, 96.1282

Rectangle

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



88.8194, 96.9987, 77.6597



82.1324, 96.9987, 93.7470



95.6537, 96.9987, 139.5836



103.0463, 96.9987, 118.4448

Sweetspot

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



88.8217, 97.0029, 77.6618



92.9661, 99.0089, 98.4122



77.6003, 74.2795, 74.7861



19.8382, 21.1631, 20.7609



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.



88.8217, 97.0029, 77.6618



87.8341, 96.5161, 72.7436



82.4460, 94.1854, 77.4540



19.5213, 21.0107, 19.1709



39.2376, 46.4864, 6.9047



3.8319, 4.5492, 0.6761

Inverse Universe

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



70.0815, 70.1151, 104.4476



66.1452, 65.3980, 103.7446



75.7453, 72.6605, 104.6404



17.0383, 17.4482, 22.7198



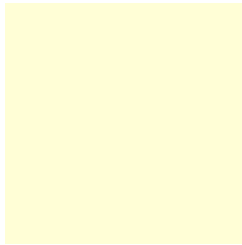
9.4818, 3.8732, 49.6824



0.9351, 0.4009, 4.8414

Previews

White Background



This preview shows how the XYZ color 88.8194, 96.9987, 77.6597 looks on a white background.

Color Contrast Check

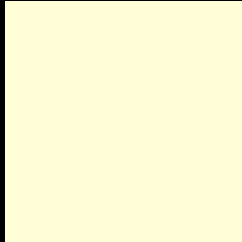
Large Text (above 18pt) WCAG AA × Fail

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 88.8194, 96.9987, 77.6597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

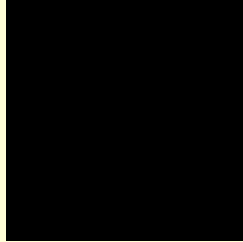
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.8194, 96.9987, 77.6597

Background



This preview shows how black text looks on a background with the XYZ color 88.8194, 96.9987, 77.6597.



This preview shows how white text looks on a background with the XYZ color 88.8194, 96.9987,

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

88.8194, 96.9987, 77.6597



Protanopia

91.9148, 96.7254, 98.6195

Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

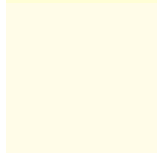
93.4202, 97.2852, 108.4619

Trichromacy



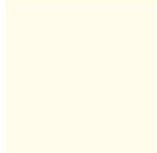
Original Color

88.8194, 96.9987, 77.6597



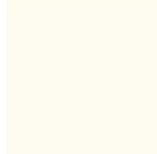
Protanomaly

90.6159, 96.7070, 90.2343



Deuteranomaly

91.1907, 96.9369, 93.2613



Tritanomaly

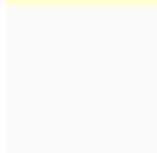
91.4116, 96.9829, 96.3397

Monochromacy



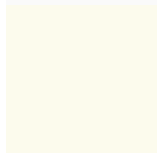
Original Color

88.8194, 96.9987, 77.6597



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

89.9281, 95.8042, 93.8731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8194, 96.9987, 77.6597 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, 254, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 214)  
}
```

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, 254, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 214) }
```

Border

The CSS property to change the border of an element to XYZ 88.8194, 96.9987, 77.6597 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, 254, 214) }
```


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

```
.border{ border-color:rgb(255, 254, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8194, 96.9987, 77.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 214) }
```

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

```
.background{ background-color: rgb(255,  
254, 214) }
```

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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