

Converting Colors

XYZ(86.0979, 96.2927, 67.4746)

Have a look what the booklet for
XYZ(86.0979, 96.2927, 67.4746)
contains.

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Color

**XYZ(86.0979, 96.2927,
67.4746)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFFC6
RGB	252, 255, 198
RGB Percent	99%, 100%, 78%
CMY	0.0118, 0.0000, 0.2235
CMYK	0.01, 0.00, 0.22, 0.00
HSL	63°, 100%, 89%
HSV	63°, 22%, 100%
XYZ	86.0979, 96.2927, 67.4746
YIQ	247.6050, 16.5090, -18.3630

Conversions

Conversions Part 2

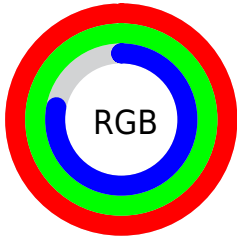
Format	Color
R_{YB}	198, 255, 201
Decimal	16580550
CIE _{Lab}	98.55, -9.96, 26.98
CIE _{LCh}	99, 28.763, 110.251
Yxy	96.2927, 0.3446, 0.3854
Android (android.graphics.Color)	4294770630 (0xFFFCFFC6)
YUV	247.6050, -24.4553, 3.8544
Hunter-Lab	98.1288, -15.1102, 27.9217

Details

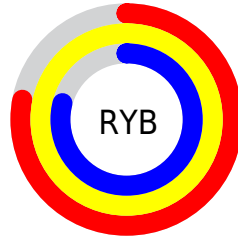
The XYZ color **86.0979, 96.2927, 67.4746** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.3325, 60.0270, 102.9088**, and the grayscale version is **89.0835, 93.7228, 102.0641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7338, 54.0039, 34.2935** is the 20% darker color. If you saturate the color by 10%, you get **82.9154, 94.9637, 53.2428**, and if you desaturate by 10%, it is **89.7799, 97.8218, 84.3172**.

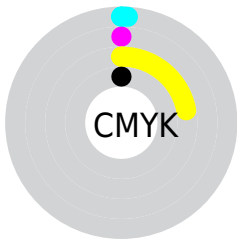
Distribution



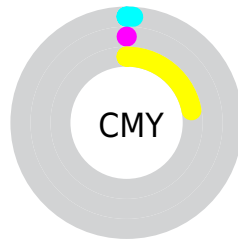
- Red (99%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0979, 96.2927, 67.4746 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 86.0979, 96.2927, 67.4746 by changing the saturation by 10% instead.


 86.0979, 96.2927,
67.4746

 86.0979, 96.2927,
67.4746


503.6831,
548.2952, 470.1797

 65.0745, 73.2114,
49.0064


140.8122,
156.0493, 117.2473

 47.7864, 54.1488,
34.2589


175.2338,
193.4934, 149.3889

 33.8683, 38.7206,
22.8136


214.8522,
236.4938, 186.9253

 22.9549, 26.5425,
14.2519

260.0327,
285.4350, 230.2752

 14.6807, 17.2299,
8.1553

311.1407,
340.7013, 279.8570

 8.6804, 10.3985,
4.1053

368.5415,

 4.5888, 5.6640,

402.6772, 336.0894

1.6833

432.6005,
471.7470, 399.3907

■ 2.0403, 2.6419,
0.3492

■ 0.6565, 0.9478,
0.0000

■ 86.0979, 96.2927,
67.4746

■ 86.0979, 96.2927,
67.4746

■ 82.9154, 94.9637,
53.2428

■ 89.7799, 97.8218,
84.3172

■ 80.2065, 93.8246,
41.4873

■ 93.9832, 99.5599,
103.8879

■ 77.9444, 92.8646,
32.0676

95.0500, 100.0000,
108.9000

■ 76.0997, 92.0720,
24.8277

■ 74.6390, 91.4333,
19.5923

■ 73.5241, 90.9334,
16.1596

■ 72.7084, 90.5535,
14.2853

■ 72.2340, 90.3230,
13.6270

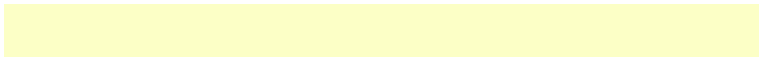
Harmonies

Analogous

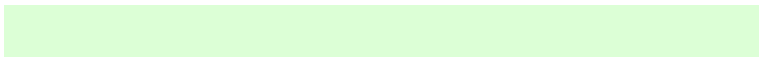
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2586, 96.2927, 65.8699



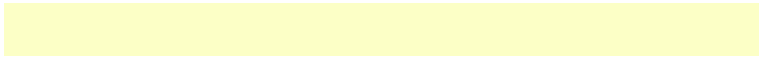
86.0979, 96.2927, 67.4746



79.7683, 96.2927, 78.1986

Triad

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



86.0979, 96.2927, 67.4746



81.6721, 96.2927, 144.1566



108.2095, 96.2927, 112.7961

Complementary

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



86.0979, 96.2927, 67.4746



62.3325, 60.0270, 102.9088

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.



104.3800, 96.2927, 136.9495



86.0979, 96.2927, 67.4746



88.8415, 96.2927, 156.7827

Square

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



86.0979, 96.2927, 67.4746



77.3224, 96.2927, 121.5146



97.1720, 96.2927, 153.9621



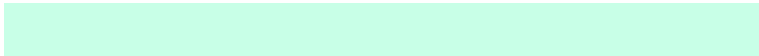
107.3645, 96.2927, 89.7767

Rectangle

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



86.0979, 96.2927, 67.4746



77.2796, 96.2927, 90.1170



97.1720, 96.2927, 153.9621



107.4178, 96.2927, 121.0992

Sweetspot

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



86.0983, 96.2928, 67.4760



91.9632, 98.7255, 94.4447



72.2855, 67.0417, 62.5579



19.6296, 21.1088, 19.9621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

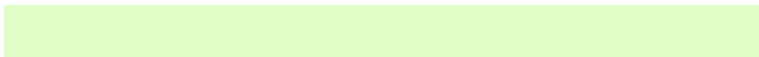
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0983, 96.2928, 67.4760



84.5584, 95.6508, 60.5438



76.5858, 91.3889, 67.0308



19.4612, 21.0392, 19.1796



37.7849, 47.2169, 7.1223



3.7068, 4.6117, 0.6948

Inverse Universe

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



62.3325, 60.0270, 102.9088



56.8192, 53.3190, 101.9047



70.6698, 64.3250, 103.2990



17.0914, 17.4233, 22.7122



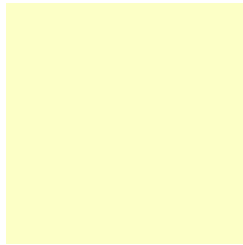
9.5575, 3.8376, 49.6716



0.9603, 0.3890, 4.8377

Previews

White Background



This preview shows how the XYZ color 86.0979, 96.2927, 67.4746 looks on a white background.

Color Contrast Check

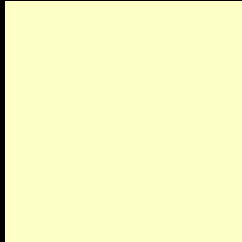
Large Text (above 18pt) WCAG AA × Fail

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 86.0979, 96.2927, 67.4746 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 86.0979, 96.2927, 67.4746

Background



This preview shows how black text looks on a background with the XYZ color 86.0979, 96.2927, 67.4746.



This preview shows how white text looks on a background with the XYZ color 86.0979, 96.2927,

Color Blindness Simulation

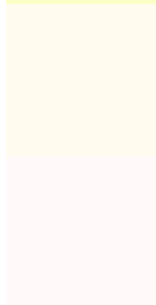
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.0979, 96.2927, 67.4746



Protanopia

91.1698, 96.4274, 94.6961

Deuteranopia

92.2141, 96.3466, 101.7322

Tritanopia

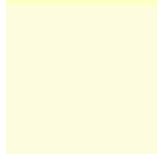
92.7987, 96.0422, 108.2547

Trichromacy



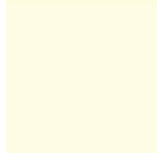
Original Color

86.0979, 96.2927, 67.4746



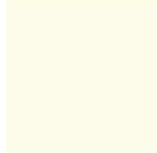
Protanomaly

89.0027, 96.0194, 83.6547



Deuteranomaly

89.8263, 96.3488, 87.9916



Tritanomaly

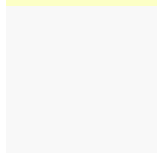
89.8565, 95.8175, 91.6006

Monochromacy



Original Color

86.0979, 96.2927, 67.4746



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

87.8470, 94.8473, 88.5402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0979, 96.2927, 67.4746 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(252, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 198)  
}
```

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(252, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 198) }
```

Border

The CSS property to change the border of an element to XYZ 86.0979, 96.2927, 67.4746 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(252, 255, 198) }
```


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

```
.border{ border-color:rgb(252, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0979, 96.2927, 67.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 198) }
```

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

```
.background{ background-color: rgb(252,  
255, 198) }
```

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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