

Converting Colors

XYZ(86.5237, 96.2451, 79.5604)

Have a look what the booklet for
XYZ(86.5237, 96.2451, 79.5604)
contains.

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Color

**XYZ(86.6422, 96.3039,
79.6676)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FFD9
RGB	247, 255, 217
RGB Percent	97%, 100%, 85%
CMY	0.0314, 0.0000, 0.1490
CMYK	0.03, 0.00, 0.15, 0.00
HSL	73°, 100%, 93%
HSV	73°, 15%, 100%
XYZ	86.6422, 96.3039, 79.6676
YIQ	248.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

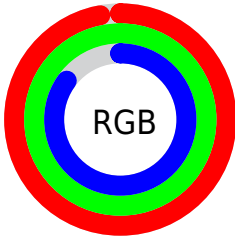
Format	Color
R_{YB}	217, 255, 225
Decimal	16252889
CIE _{Lab}	98.55, -8.96, 17.28
CIE _{LCh}	99, 19.468, 117.395
Yxy	96.3039, 0.3299, 0.3667
Android (android.graphics.Color)	4294442969 (0xFFFF7FFD9)
YUV	248.2760, -15.4191, -1.1191
Hunter-Lab	98.1346, -14.1393, 20.5614

Details

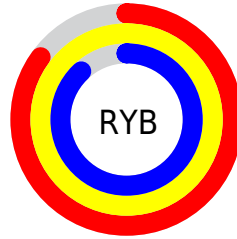
The XYZ color **86.6422, 96.3039, 79.6676** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.9150, 72.8544, 104.7743**, and the grayscale version is **89.5662, 94.2306, 102.6171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9509, 53.9440, 42.0674** is the 20% darker color. If you saturate the color by 10%, you get **81.7115, 94.1161, 63.4399**, and if you desaturate by 10%, it is **92.1412, 98.7254, 98.5998**.

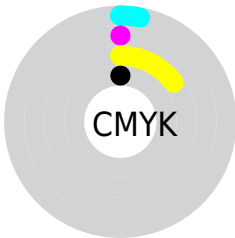
Distribution



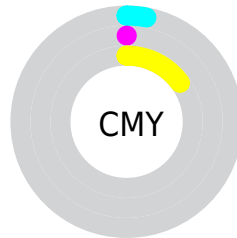
- Red (97%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6422, 96.3039, 79.6676 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 86.6422, 96.3039, 79.6676 by changing the saturation by 10% instead.


 86.6422, 96.3039,
79.6676

 86.6422, 96.3039,
79.6676


505.4486,
548.3309, 513.4891

 65.5262, 73.2207,
58.9203

141.5675,
156.0648, 134.7055

 48.1542, 54.1564,
42.1294


176.1076,
193.5112, 169.8331

 34.1607, 38.7267,
28.8763


215.8530,
236.5142, 210.5913

 23.1806, 26.5472,
18.7425

261.1692,
285.4581, 257.3986

 14.8483, 17.2335,
11.3094

312.4215,
340.7273, 310.6734

 8.7986, 10.4011,
6.1586

369.9753,

 4.6661, 5.6657,

402.7063, 370.8344

2.8714

434.1959,
471.7793, 438.3002

■ 2.0855, 2.6429,
1.0293

■ 0.6813, 0.9483,
0.0000

■ 86.6422, 96.3039,
79.6676

■ 86.6422, 96.3039,
79.6676

■ 81.7115, 94.1161,
63.4399

■ 92.1412, 98.7254,
98.5998

■ 77.3234, 92.1516,
49.7890

95.0500, 100.0000,
108.9000

■ 73.4526, 90.4002,
38.5831

■ 70.0713, 88.8506,
29.6770

■ 67.1485, 87.4906,
22.9104

■ 64.6493, 86.3060,
18.1021

■ 62.5331, 85.2807,
15.0415

■ 60.7504, 84.3946,
13.4687

■ 59.9337, 83.9820,
13.0513

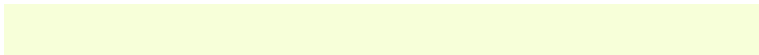
Harmonies

Analogous

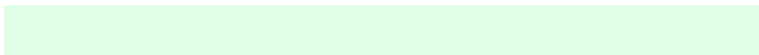
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0270, 96.3039, 76.8334



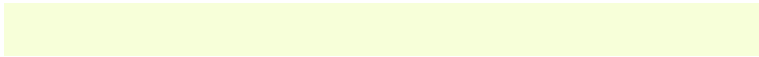
86.6422, 96.3039, 79.6676



82.7130, 96.3039, 89.0221

Triad

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



86.6422, 96.3039, 79.6676



85.8230, 96.3039, 133.2080



102.7812, 96.3039, 106.2744

Complementary

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



86.6422, 96.3039, 79.6676



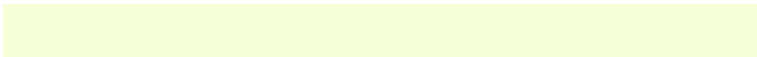
73.9150, 72.8544, 104.7743

Split Complementary

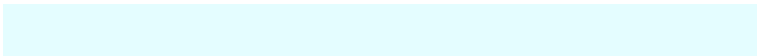
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.9608, 96.3039, 122.4699



86.6422, 96.3039, 79.6676



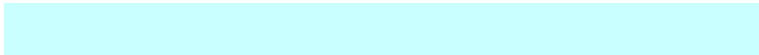
91.0427, 96.3039, 138.9838

Square

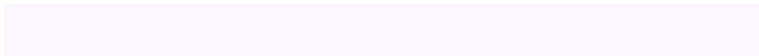
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



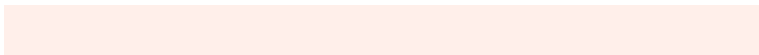
86.6422, 96.3039, 79.6676



82.2539, 96.3039, 119.7823



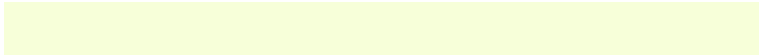
96.6065, 96.3039, 134.8681



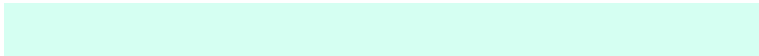
101.4871, 96.3039, 91.2289

Rectangle

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



86.6422, 96.3039, 79.6676



81.3695, 96.3039, 98.2363



96.6065, 96.3039, 134.8681



102.5116, 96.3039, 111.7720

Sweetspot

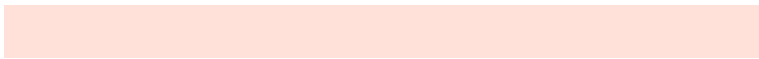
The Sweet Spot groups the original color and five complimentary colors.



86.6428, 96.3042, 79.6690



92.6654, 98.9554, 100.4425



80.5823, 79.9051, 76.8231



19.7405, 21.1394, 21.1693



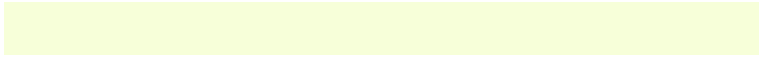
0.0000, 0.0000, 0.0000



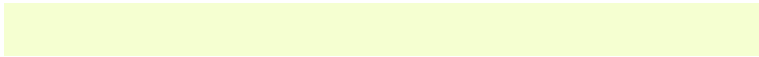
20.3446, 21.4041, 23.3091

Same Dimension

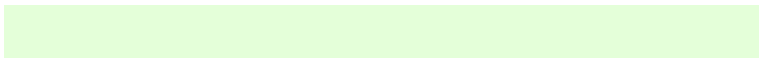
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6428, 96.3042, 79.6690



85.0552, 95.6017, 74.3566



80.4071, 93.0896, 79.3772



19.1649, 20.8864, 19.1657



31.4461, 43.9492, 6.8257



3.1511, 4.3252, 0.6688

Inverse Universe

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



73.9150, 72.8544, 104.7743



70.0169, 67.8932, 104.0222



80.0332, 76.0085, 105.0606



17.3603, 17.5619, 22.7248



10.3167, 4.2289, 49.7071



1.0905, 0.4561, 4.8438

Previews

White Background



This preview shows how the XYZ color 86.6422, 96.3039, 79.6676 looks on a white background.

Color Contrast Check

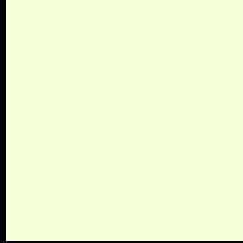
Large Text (above 18pt) WCAG AA × Fail

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 86.6422, 96.3039, 79.6676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

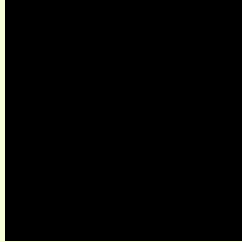
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.6422, 96.3039, 79.6676

Background



This preview shows how black text looks on a background with the XYZ color 86.6422, 96.3039, 79.6676.



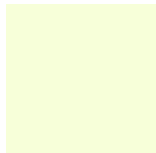
This preview shows how white text looks on a background with the XYZ color 86.6422, 96.3039,

79.6676.

Color Blindness Simulation

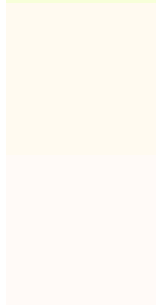
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.6422, 96.3039, 79.6676



Protanopia

91.1538, 95.9225, 96.1486

Deuteranopia

92.2141, 96.3466, 101.7322

Tritanopia

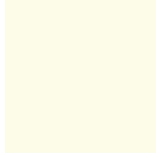
92.3805, 96.2867, 108.3240

Trichromacy



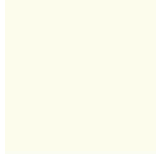
Original Color

86.6422, 96.3039, 79.6676



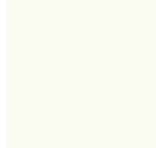
Protanomaly

89.5208, 96.1424, 90.1830



Deuteranomaly

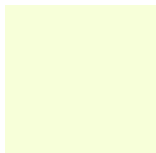
90.0956, 96.3724, 93.2101



Tritanomaly

90.1119, 96.2957, 97.0566

Monochromacy



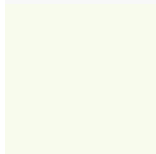
Original Color

86.6422, 96.3039, 79.6676



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.4946, 95.0652, 93.8060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6422, 96.3039, 79.6676 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(247, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 217)  
}
```

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(247, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 86.6422, 96.3039, 79.6676 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(247, 255, 217) }
```


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

```
.border{ border-color:rgb(247, 255, 217) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6422, 96.3039, 79.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 217) }
```

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

```
.background{ background-color: rgb(247,  
255, 217) }
```

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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