

Converting Colors

XYZ(88.0627, 100.0000,
79.1114)

Have a look what the booklet for
XYZ(88.0627, 100.0000, 79.1114)
contains.

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Color

**XYZ(86.0318, 96.0191,
78.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFD7
RGB	246, 255, 215
RGB Percent	96%, 100%, 84%
CMY	0.0353, 0.0000, 0.1569
CMYK	0.04, 0.00, 0.16, 0.00
HSL	73°, 100%, 92%
HSV	73°, 16%, 100%
XYZ	86.0318, 96.0191, 78.2892
YIQ	247.7490, 7.4760, -14.3480

Conversions

Conversions Part 2

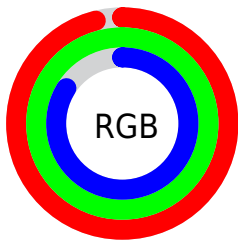
Format	Color
R_{YB}	215, 255, 224
Decimal	16187351
CIE _{Lab}	98.44, -9.61, 18.14
CIE _{LCh}	98, 20.525, 117.923
Yxy	96.0191, 0.3305, 0.3688
Android (android.graphics.Color)	4294377431 (0xFFFF6FFD7)
YUV	247.7490, -16.1453, -1.5339
Hunter-Lab	97.9893, -14.7635, 21.2224

Details

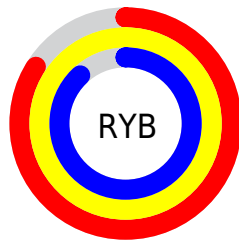
The XYZ color **86.0318, 96.0191, 78.2892** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.0918, 71.6694, 104.5890**, and the grayscale version is **89.1408, 93.7831, 102.1298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7745, 53.8734, 41.1383** is the 20% darker color. If you saturate the color by 10%, you get **81.0248, 93.7875, 62.2627**, and if you desaturate by 10%, it is **91.6130, 98.4878, 97.0112**.

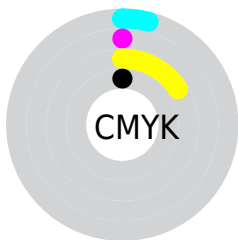
Distribution



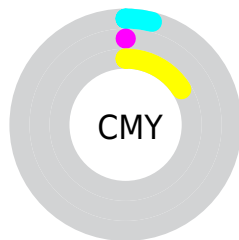
- Red (96%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0318, 96.0191, 78.2892 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 86.0318, 96.0191, 78.2892 by changing the saturation by 10% instead.


 86.0318, 96.0191,
78.2892

 86.0318, 96.0191,
78.2892


503.4685,
547.4224, 508.7023

 65.0196, 72.9835,
57.7937


140.7205,
155.6718, 132.7473

 47.7418, 53.9624,
41.2292


175.1277,
193.0576, 167.5470

 33.8328, 38.5716,
28.1772


214.7306,
235.9956, 207.9519

 22.9275, 26.4267,
18.2191

259.8946,
284.8702, 254.3804

 14.6604, 17.1431,
10.9363

310.9850,
340.0658, 307.2512

 8.6661, 10.3366,
5.9104

368.3672,

 4.5794, 5.6227,

401.9668, 366.9827

2.7228

432.4066,
470.9575, 433.9936

■ 2.0349, 2.6170,
0.9549

■ 0.6534, 0.9352,
0.0000

■ 86.0318, 96.0191,
78.2892

■ 86.0318, 96.0191,
78.2892

■ 81.0248, 93.7875,
62.2627

■ 91.6130, 98.4878,
97.0112

■ 76.5660, 91.7821,
48.8032

95.0500, 100.0000,
108.9000

■ 72.6299, 89.9930,
37.7782

■ 69.1884, 88.4086,
29.0414

■ 66.2100, 87.0165,
22.4310

■ 63.6595, 85.8023,
17.7640

■ 61.4957, 84.7496,
14.8267

■ 59.6676, 83.8379,
13.3542

■ 58.9510, 83.4754,
13.0053

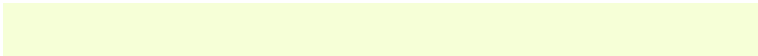
Harmonies

Analogous

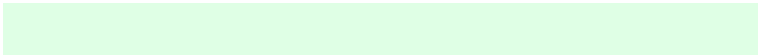
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6768, 96.0191, 75.2157



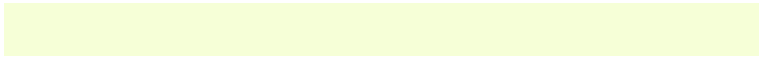
86.0318, 96.0191, 78.2892



81.9467, 96.0191, 88.1616

Triad

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



86.0318, 96.0191, 78.2892



85.3461, 96.0191, 134.7020



103.1278, 96.0191, 105.7354

Complementary

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



86.0318, 96.0191, 78.2892



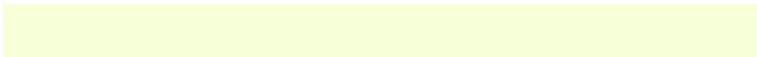
73.0918, 71.6694, 104.5890

Split Complementary

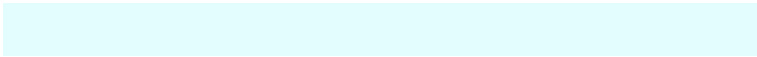
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.2605, 96.0191, 122.8496



86.0318, 96.0191, 78.2892



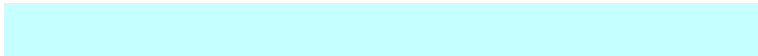
90.8510, 96.0191, 140.6600

Square

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



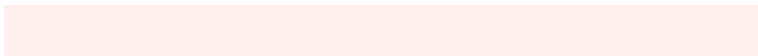
86.0318, 96.0191, 78.2892



81.5630, 96.0191, 120.5831



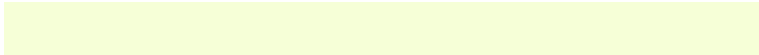
96.7026, 96.0191, 136.1070



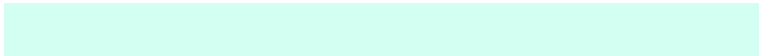
101.7037, 96.0191, 90.0023

Rectangle

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



86.0318, 96.0191, 78.2892



80.5704, 96.0191, 97.8697



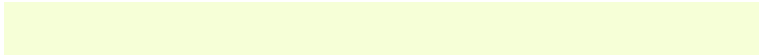
96.7026, 96.0191, 136.1070



102.8626, 96.0191, 111.5243

Sweetspot

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



86.0324, 96.0194, 78.2906



92.0171, 98.6658, 98.3960



80.0726, 79.2996, 75.3775



19.6068, 21.0795, 20.7570



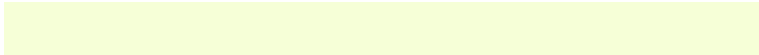
0.0000, 0.0000, 0.0000



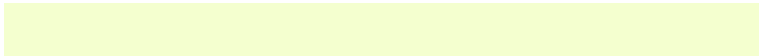
20.3446, 21.4041, 23.3091

Same Dimension

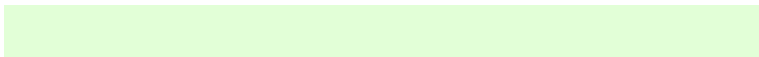
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0324, 96.0194, 78.2906



84.3103, 95.2539, 72.6857



79.4952, 92.6493, 77.9847



19.1380, 20.8726, 19.1645



30.9382, 43.6873, 6.8019



3.1057, 4.3018, 0.6666

Inverse Universe

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



73.0918, 71.6694, 104.5890



69.0033, 66.4488, 103.7968



79.5438, 74.9956, 104.8909



17.3852, 17.5748, 22.7259



10.4290, 4.2868, 49.7124



1.1048, 0.4635, 4.8445

Previews

White Background



This preview shows how the XYZ color 86.0318, 96.0191, 78.2892 looks on a white background.

Color Contrast Check

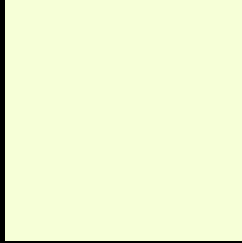
Large Text (above 18pt) WCAG AA × Fail

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 86.0318, 96.0191, 78.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

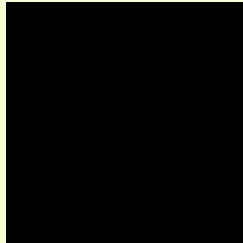
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.0318, 96.0191, 78.2892

Background



This preview shows how black text looks on a background with the XYZ color 86.0318, 96.0191, 78.2892.



This preview shows how white text looks on a background with the XYZ color 86.0318, 96.0191,

78.2892.

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

86.0318, 96.0191, 78.2892

Protanopia

90.8582, 95.8043, 94.5922

Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

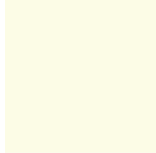
92.0193, 96.1004, 108.3070

Trichromacy



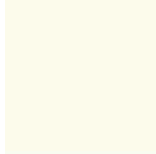
Original Color

86.0318, 96.0191, 78.2892



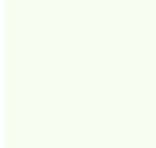
Protanomaly

89.2382, 96.0294, 88.6951



Deuteranomaly

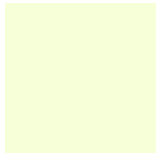
89.6375, 95.6880, 92.3425



Tritanomaly

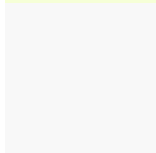
89.6055, 96.0518, 96.2552

Monochromacy



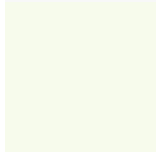
Original Color

86.0318, 96.0191, 78.2892



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

87.9953, 94.8246, 93.0220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0318, 96.0191, 78.2892 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(246, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 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(246, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 215) }
```

Border

The CSS property to change the border of an element to XYZ 86.0318, 96.0191, 78.2892 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(246, 255, 215) }
```


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

```
.border{ border-color:rgb(246, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0318, 96.0191, 78.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 215) }
```

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

```
.background{ background-color: rgb(246,  
255, 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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