

Converting Colors

XYZ(97.0533, 88.2593,
103.9946)

Have a look what the booklet for
XYZ(97.0533, 88.2593, 103.9946)
contains.

XYZ(86.0070, 82.6810, 103.5214)	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(86.0070, 82.6810,
103.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2FC
RGB	255, 226, 252
RGB Percent	100%, 89%, 99%
CMY	0.0000, 0.1137, 0.0118
CMYK	0.00, 0.11, 0.01, 0.00
HSL	306°, 100%, 94%
HSV	306°, 11%, 100%
XYZ	86.0070, 82.6810, 103.5214
YIQ	237.6350, 8.9380, 14.2340

Conversions

Conversions Part 2

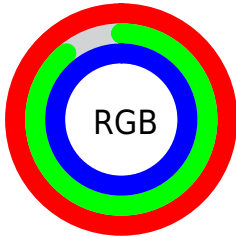
Format	Color
R _Y B	255, 226, 252
Decimal	16769788
CIE Lab	92.87, 14.33, -8.95
CIE LCh	93, 16.894, 328.022
Yxy	82.6810, 0.3160, 0.3037
Android (android.graphics.Color)	4294959868 (0xFFFFE2FC)
YUV	237.6350, 7.0819, 15.2291
Hunter-Lab	90.9291, 9.7117, -3.8504

Details

The XYZ color **86.0070, 82.6810, 103.5214** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.2694, 93.3471, 87.8665**, and the grayscale version is **80.9298, 85.1444, 92.7223**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7019, 45.0717, 57.8153** is the 20% darker color. If you saturate the color by 10%, you get **79.1674, 69.6656, 99.1949**, and if you desaturate by 10%, it is **93.8873, 97.7676, 108.2257**.

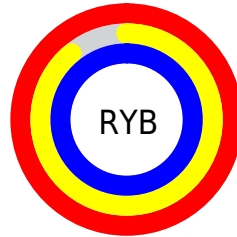
Distribution



Red (100%)

Green (89%)

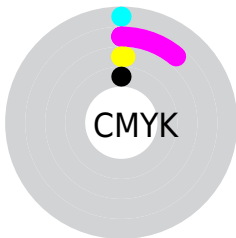
Blue (99%)



Red (100%)

Yellow (89%)

Blue (99%)

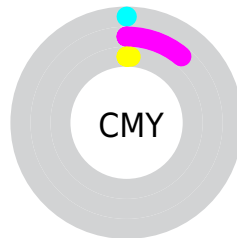


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.0070, 82.6810, 103.5214 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 86.0070, 82.6810, 103.5214 by changing the saturation by 10% instead.

86.0070, 82.6810,
103.5214

86.0070, 82.6810,
103.5214

503.3879,
503.9228, 592.7674

64.9991, 61.9270,
78.6114

140.6860,
137.1286, 168.0820

47.7250, 44.9737,
58.0570

175.0878,
171.5910, 208.5697

33.8195, 31.4367,
41.4394

214.6850,
211.3917, 255.0870

22.9172, 20.9316,
28.3403

259.8428,
256.9150, 308.0525

14.6527, 13.0740,
18.3411

310.9266,
308.5454, 367.8848

8.6608, 7.4796,
11.0232

368.3018,

4.5759, 3.7638,

366.6672, 435.0023

5.9681

432.3338,
431.6649, 509.8237

■ 2.0328, 1.5423,
2.7572

■ 0.6523, 0.3182,
0.9720

■ 86.0070, 82.6810,
103.5214

■ 86.0070, 82.6810,
103.5214

■ 79.1674, 69.6656,
99.1949

■ 93.8873, 97.7676,
108.2257

■ 73.3175, 58.6208,
95.2257

■ 95.0500, 100.0000,
108.9000

■ 68.4104, 49.4525,
91.5991

■ 64.3933, 42.0548,
88.2974

■ 61.2079, 36.3114,
85.3012

■ 58.7892, 32.0924,
82.5886

■ 57.0623, 29.2479,
80.1345

■ 55.9372, 27.5981,
77.9088

■ 55.3309, 26.8964,
76.1319

Harmonies

Analogous

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



82.6409, 82.6810, 113.2322



86.0070, 82.6810, 103.5214



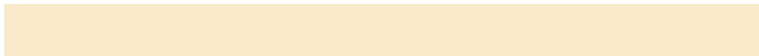
87.3766, 82.6810, 90.8673

Triad

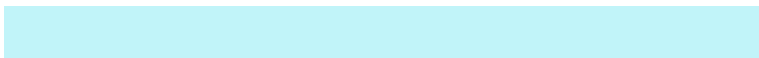
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0070, 82.6810, 103.5214



78.8792, 82.6810, 67.8532



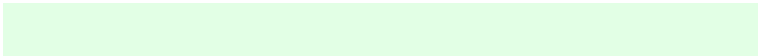
71.3293, 82.6810, 101.9344

Complementary

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



86.0070, 82.6810, 103.5214



81.2694, 93.3471, 87.8665

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.



70.4053, 82.6810, 89.1891



86.0070, 82.6810, 103.5214



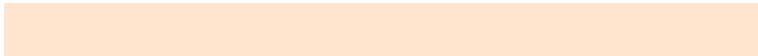
74.6656, 82.6810, 70.2283

Square

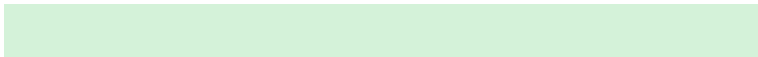
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



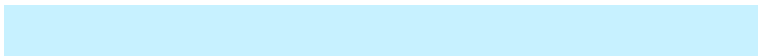
86.0070, 82.6810, 103.5214



83.1668, 82.6810, 70.9417



71.6043, 82.6810, 77.7568



74.1762, 82.6810, 112.2573

Rectangle

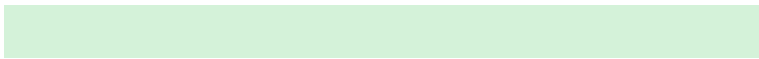
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0070, 82.6810, 103.5214



86.9359, 82.6810, 82.7132



71.6043, 82.6810, 77.7568



70.7883, 82.6810, 97.7567

Sweetspot

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



86.0089, 82.6843, 103.5232



92.5308, 95.1649, 107.4331



77.5309, 78.2584, 105.6268



19.6648, 20.0996, 22.9125



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.



86.0089, 82.6843, 103.5232



84.1110, 79.0642, 102.3493



83.8124, 81.8057, 91.9566



18.7069, 18.2661, 22.3398



28.9445, 14.0671, 39.9535



2.8406, 1.3786, 4.0078

Inverse Universe

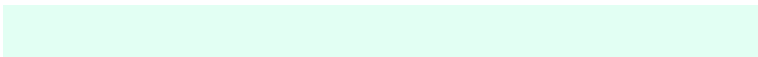
The Inverse Universe completely reimagines the original color for something new.



86.0089, 82.6843, 103.5232



84.1110, 79.0642, 102.3493



83.3644, 94.1851, 98.8987



18.7069, 18.2661, 22.3398



28.9445, 14.0671, 39.9535



2.8406, 1.3786, 4.0078

Previews

White Background



This preview shows how the XYZ color 86.0070, 82.6810, 103.5214 looks on a white background.

Color Contrast Check

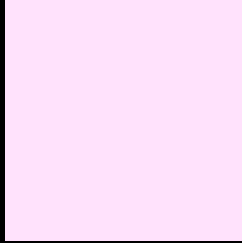
Large Text (above 18pt) WCAG AA × Fail

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 86.0070, 82.6810, 103.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

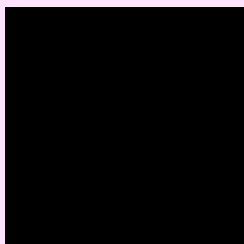
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.0070, 82.6810, 103.5214

Background



This preview shows how black text looks on a background with the XYZ color 86.0070, 82.6810, 103.5214.



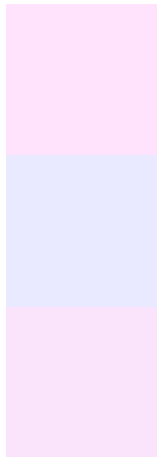
This preview shows how white text looks on a background with the XYZ color 86.0070, 82.6810,

103.5214.

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

86.0070, 82.6810, 103.5214

Protanopia

80.7932, 82.8215, 106.3356

Deuteranopia

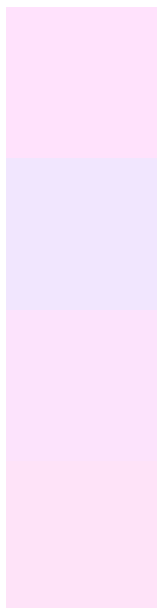
84.7384, 82.8391, 103.6188



Tritanopia

84.8236, 82.6016, 97.8592

Trichromacy



Original Color

86.0070, 82.6810, 103.5214

Protanomaly

82.4618, 82.4502, 105.3342

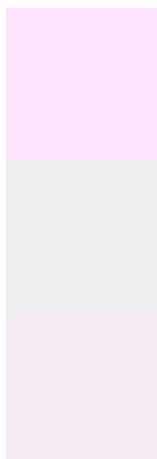
Deuteranomaly

85.1847, 82.6619, 103.5611

Tritanomaly

85.2854, 82.7863, 100.2913

Monochromacy



Original Color

86.0070, 82.6810, 103.5214

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.9087, 84.5498, 96.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0070, 82.6810, 103.5214 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, 226, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 252)  
}
```

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, 226, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 252) }
```

Border

The CSS property to change the border of an element to XYZ 86.0070, 82.6810, 103.5214 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, 226, 252) }
```


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

```
.border{ border-color:rgb(255, 226, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0070, 82.6810, 103.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 252) }
```

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

```
.background{ background-color: rgb(255,  
226, 252) }
```

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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