

Converting Colors

XYZ(86.2836, 96.1228, 79.4812)

Have a look what the booklet for
XYZ(86.2836, 96.1228, 79.4812)
contains.

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Color

**XYZ(86.2904, 96.1226,
79.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFD9
RGB	246, 255, 217
RGB Percent	96%, 100%, 85%
CMY	0.0353, 0.0000, 0.1490
CMYK	0.04, 0.00, 0.15, 0.00
HSL	74°, 100%, 93%
HSV	74°, 15%, 100%
XYZ	86.2904, 96.1226, 79.6512
YIQ	247.9770, 6.8340, -13.7260

Conversions

Conversions Part 2

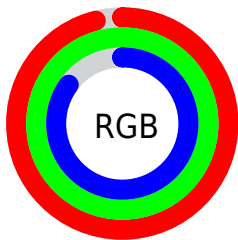
Format	Color
R_{YB}	217, 255, 226
Decimal	16187353
CIE _{Lab}	98.48, -9.30, 17.17
CIE _{LCh}	98, 19.532, 118.449
Yxy	96.1226, 0.3293, 0.3668
Android (android.graphics.Color)	4294377433 (0xFFFF6FFD9)
YUV	247.9770, -15.2717, -1.7338
Hunter-Lab	98.0421, -14.4695, 20.4612

Details

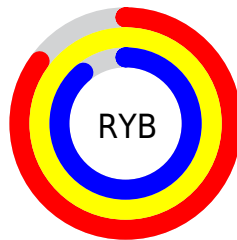
The XYZ color **86.2904, 96.1226, 79.6512** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.2278, 73.0157, 104.7890**, and the grayscale version is **89.3206, 93.9722, 102.3357**.

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 **81.1415, 93.8223, 63.4133**, and if you desaturate by 10%, it is **92.0220, 98.6640, 98.5943**.

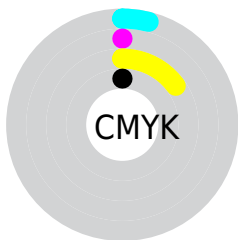
Distribution



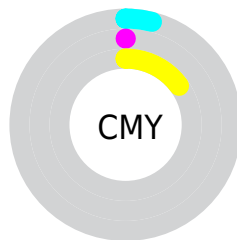
- Red (96%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2904, 96.1226, 79.6512 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 86.2904, 96.1226, 79.6512 by changing the saturation by 10% instead.

86.2904, 96.1226,
79.6512

86.2904, 96.1226,
79.6512

504.3079,
547.7526, 513.4323

65.2342, 73.0697,
58.9069

141.0794,
155.8146, 134.6822

47.9164, 54.0329,
42.1187

175.5429,
193.2225, 169.8060

33.9717, 38.6280,
28.8679

215.2063,
236.1841, 210.5599

23.0346, 26.4705,
18.7362

260.4348,
285.0839, 257.3627

14.7399, 17.1759,
11.3050

311.5939,
340.3063, 310.6328

8.7222, 10.3600,
6.1556

369.0489,

4.6161, 5.6383,

402.2356, 370.7887

2.8696

433.1651,
471.2562, 438.2491

■ 2.0562, 2.6264,
1.0284

■ 0.6653, 0.9400,
0.0000

■ 86.2904, 96.1226,
79.6512

■ 86.2904, 96.1226,
79.6512

■ 81.1415, 93.8223,
63.4133

■ 92.0220, 98.6640,
98.5943

■ 76.5493, 91.7525,
49.7528

95.0500, 100.0000,
108.9000

■ 72.4886, 89.9032,
38.5380

■ 68.9311, 88.2628,
29.6237

■ 65.8456, 86.8189,
22.8494

■ 63.1971, 85.5574,
18.0342

■ 60.9449, 84.4619,
14.9671

■ 59.0390, 83.5123,
13.3887

■ 58.1644, 83.0699,
12.9685

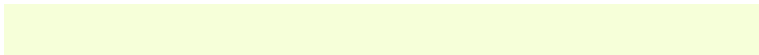
Harmonies

Analogous

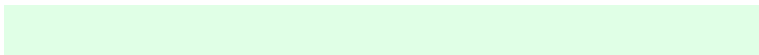
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6556, 96.1226, 76.5737



86.2904, 96.1226, 79.6512



82.4250, 96.1226, 89.2310

Triad

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



86.2904, 96.1226, 79.6512



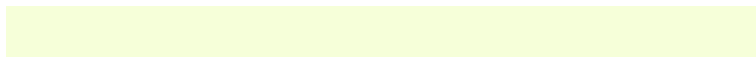
85.8018, 96.1226, 133.4336



102.6411, 96.1226, 105.5043

Complementary

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



86.2904, 96.1226, 79.6512



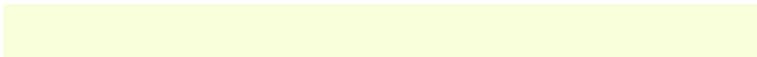
74.2278, 73.0157, 104.7890

Split Complementary

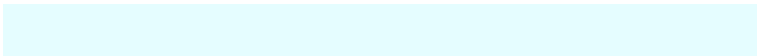
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.9220, 96.1226, 121.7749



86.2904, 96.1226, 79.6512



91.0684, 96.1226, 138.8931

Square

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



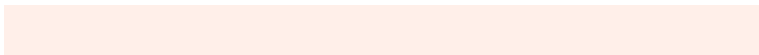
86.2904, 96.1226, 79.6512



82.1512, 96.1226, 120.1708



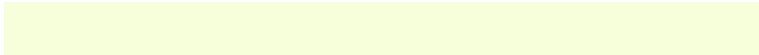
96.6278, 96.1226, 134.4247



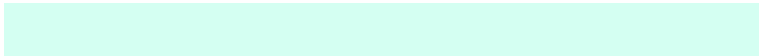
101.2360, 96.1226, 90.5469

Rectangle

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



86.2904, 96.1226, 79.6512



81.1395, 96.1226, 98.5623



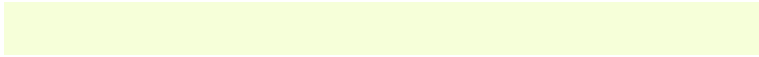
96.6278, 96.1226, 134.4247



102.4081, 96.1226, 111.0066

Sweetspot

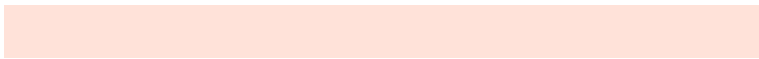
The Sweet Spot groups the original color and five complimentary colors.



86.2910, 96.1228, 79.6526



92.5677, 98.9051, 100.4380



80.9252, 80.5910, 76.9375



19.7157, 21.1266, 21.1681



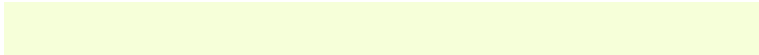
0.0000, 0.0000, 0.0000



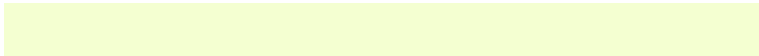
20.3446, 21.4041, 23.3091

Same Dimension

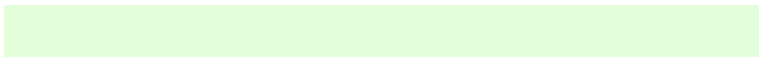
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2910, 96.1228, 79.6526



84.6342, 95.3847, 74.3369



80.0058, 92.8827, 79.3585



19.1160, 20.8612, 19.1634



30.5316, 43.4777, 6.7829



3.0692, 4.2830, 0.6649

Inverse Universe

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



74.2278, 73.0157, 104.7890



70.3813, 68.0811, 104.0392



80.4733, 76.2354, 105.0812



17.4057, 17.5853, 22.7269



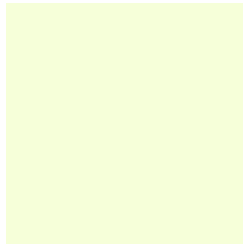
10.5267, 4.3372, 49.7169



1.1169, 0.4697, 4.8451

Previews

White Background



This preview shows how the XYZ color 86.2904, 96.1226, 79.6512 looks on a white background.

Color Contrast Check

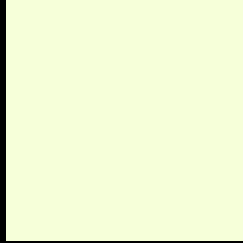
Large Text (above 18pt) WCAG AA × Fail

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 86.2904, 96.1226, 79.6512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

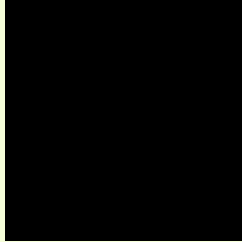
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2904, 96.1226, 79.6512

Background



This preview shows how black text looks on a background with the XYZ color 86.2904, 96.1226, 79.6512.



This preview shows how white text looks on a background with the XYZ color 86.2904, 96.1226,

79.6512.

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

86.2904, 96.1226, 79.6512



Protanopia

91.0056, 95.8632, 95.3683

Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

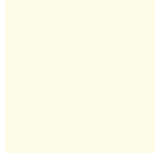
92.0193, 96.1004, 108.3070

Trichromacy



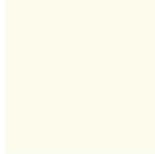
Original Color

86.2904, 96.1226, 79.6512



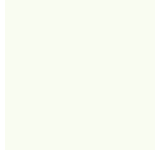
Protanomaly

89.3791, 96.0858, 89.4369



Deuteranomaly

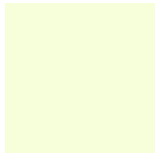
89.7824, 95.7459, 93.1057



Tritanomaly

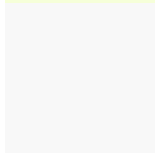
89.7545, 96.1114, 97.0399

Monochromacy



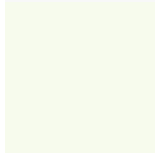
Original Color

86.2904, 96.1226, 79.6512



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.1410, 94.8829, 93.7895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2904, 96.1226, 79.6512 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 86.2904, 96.1226, 79.6512 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, 217) }
```


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

```
.border{ border-color:rgb(246, 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(246, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2904, 96.1226, 79.6512 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, 217) }
```

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

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