

Converting Colors

XYZ(95.2590, 100.0000,
68.9822)

Have a look what the booklet for
XYZ(95.2590, 100.0000, 68.9822)
contains.

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Color

**XYZ(86.7906, 95.6807,
68.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDC8
RGB	255, 253, 200
RGB Percent	100%, 99%, 78%
CMY	0.0000, 0.0078, 0.2157
CMYK	0.00, 0.01, 0.22, 0.00
HSL	58°, 100%, 89%
HSV	58°, 22%, 100%
XYZ	86.7906, 95.6807, 68.5374
YIQ	247.5560, 18.2050, -16.0590

Conversions

Conversions Part 2

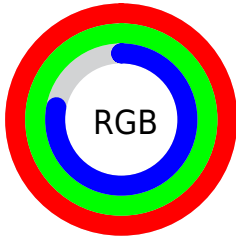
Format	Color
R _Y B	202, 255, 200
Decimal	16776648
CIE Lab	98.31, -7.61, 25.67
CIE LCh	98, 26.780, 106.517
Yxy	95.6807, 0.3458, 0.3812
Android (android.graphics.Color)	4294966728 (0xFFFFFDC8)
YUV	247.5560, -23.4451, 6.5284
Hunter-Lab	97.8165, -12.7995, 26.9286

Details

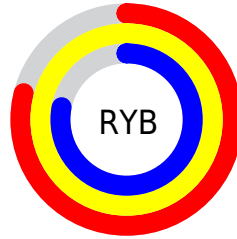
The XYZ color **86.7906, 95.6807, 68.5374** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.9895, 61.7387, 103.2046**, and the grayscale version is **89.0375, 93.6744, 102.0114**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2169, 53.5609, 34.9911** is the 20% darker color. If you saturate the color by 10%, you get **83.7652, 94.0080, 54.0320**, and if you desaturate by 10%, it is **90.3191, 97.5634, 85.6651**.

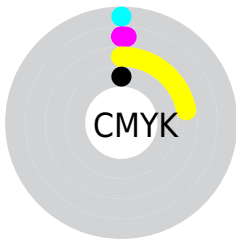
Distribution



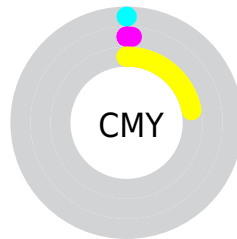
- Red (100%)
- Green (99%)
- Blue (78%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.7906, 95.6807, 68.5374 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 86.7906, 95.6807, 68.5374 by changing the saturation by 10% instead.


 86.7906, 95.6807,
68.5374

 86.7906, 95.6807,
68.5374


505.9294,
546.3419, 474.0474

 65.6494, 72.7017,
49.8656


141.7734,
155.2047, 118.7821

 48.2545, 53.7320,
34.9362


176.3457,
192.5184, 151.1921

 34.2406, 38.3875,
23.3306


216.1257,
235.3791, 189.0186

 23.2422, 26.2836,
14.6302

261.4788,
284.1713, 232.6801

 14.8941, 17.0359,
8.4165

312.7704,
339.2792, 282.5952

 8.8310, 10.2601,
4.2711

370.3658,

 4.6873, 5.5717,

401.0874, 339.1824

1.7752

434.6303,
469.9801, 402.8603

■ 2.0978, 2.5865,
0.4115

■ 0.6880, 0.9199,
0.0000

■ 86.7906, 95.6807,
68.5374

■ 86.7906, 95.6807,
68.5374

■ 83.7652, 94.0080,
54.0320

■ 90.3191, 97.5634,
85.6651

■ 81.2115, 92.5230,
42.0131

■ 94.3667, 99.6527,
105.5298

■ 79.1049, 91.2191,
32.3419

■ 95.0500, 100.0000,
108.9000

■ 77.4160, 90.0845,
24.8636

■ 76.1120, 89.1062,
19.4048

■ 75.1549, 88.2688,
15.7660

■ 74.4992, 87.5542,
13.7073

■ 74.1218, 87.0237,
12.8906

Harmonies

Analogous

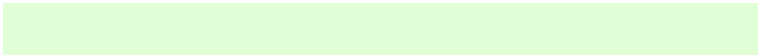
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4432, 95.6807, 68.0982



86.7906, 95.6807, 68.5374



80.6008, 95.6807, 77.6028

Triad

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



86.7906, 95.6807, 68.5374



81.1141, 95.6807, 138.1326



106.1375, 95.6807, 114.3991

Complementary

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



86.7906, 95.6807, 68.5374



62.9895, 61.7387, 103.2046

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.



102.1311, 95.6807, 136.2227



86.7906, 95.6807, 68.5374



87.5277, 95.6807, 151.1762

Square

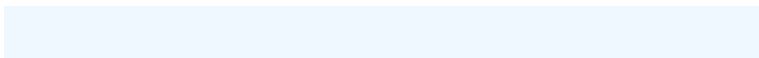
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.7906, 95.6807, 68.5374



77.4525, 95.6807, 116.7263



95.2230, 95.6807, 150.4315



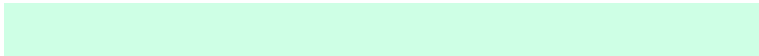
105.9125, 95.6807, 92.5666

Rectangle

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



86.7906, 95.6807, 68.5374



78.0076, 95.6807, 88.1567



95.2230, 95.6807, 150.4315



105.2318, 95.6807, 122.0360

Sweetspot

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



86.7929, 95.6849, 68.5394



92.5070, 98.7001, 96.3800



72.6447, 66.8695, 65.4234



19.7435, 21.0966, 20.3507



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

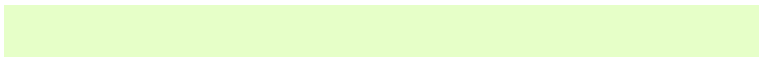
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7929, 95.6849, 68.5394



85.3909, 94.9173, 61.7939



78.8993, 92.5548, 68.3513



19.5015, 20.9711, 19.1643



38.7553, 45.5219, 6.7440



3.7904, 4.4662, 0.6623

Inverse Universe

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



62.9895, 61.7387, 103.2046



57.6152, 55.3071, 102.2464



69.6786, 64.4971, 103.3845



17.0558, 17.4832, 22.7256



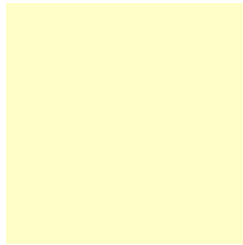
9.5068, 3.9231, 49.6908



0.9434, 0.4175, 4.8441

Previews

White Background



This preview shows how the XYZ color 86.7906, 95.6807, 68.5374 looks on a white background.

Color Contrast Check

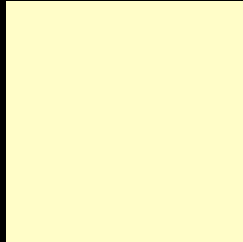
Large Text (above 18pt) WCAG AA × Fail

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 86.7906, 95.6807, 68.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

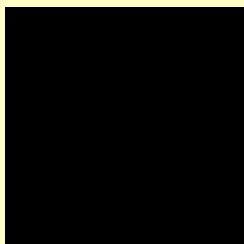
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.7906, 95.6807, 68.5374

Background



This preview shows how black text looks on a background with the XYZ color 86.7906, 95.6807, 68.5374.



This preview shows how white text looks on a background with the XYZ color 86.7906, 95.6807,

68.5374.

Color Blindness Simulation

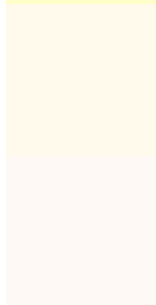
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.7906, 95.6807, 68.5374



Protanopia

90.5659, 95.6873, 93.0530

Deuteranopia

91.5971, 95.6039, 100.0119

Tritanopia

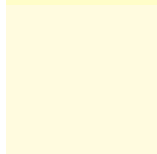
92.8574, 95.6148, 108.1691

Trichromacy



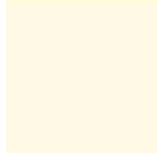
Original Color

86.7906, 95.6807, 68.5374



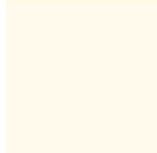
Protanomaly

89.0565, 95.5821, 83.5674



Deuteranomaly

89.5685, 95.2884, 87.8005



Tritanomaly

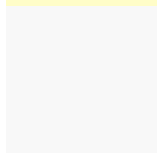
90.4210, 95.6294, 92.2899

Monochromacy



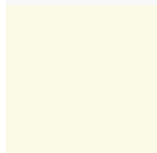
Original Color

86.7906, 95.6807, 68.5374



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.3931, 94.6500, 89.2118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7906, 95.6807, 68.5374 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, 253, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 200)  
}
```

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, 253, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 200) }
```

Border

The CSS property to change the border of an element to XYZ 86.7906, 95.6807, 68.5374 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, 253, 200) }
```


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

```
.border{ border-color:rgb(255, 253, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7906, 95.6807, 68.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 200) }
```

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

```
.background{ background-color: rgb(255,  
253, 200) }
```

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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