

Converting Colors

XYZ(98.8838, 101.5335,
69.6435)

Have a look what the booklet for
XYZ(98.8838, 101.5335, 69.6435)
contains.

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Color

**XYZ(86.5930, 95.0979,
69.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCC9
RGB	255, 252, 201
RGB Percent	100%, 99%, 79%
CMY	0.0000, 0.0117, 0.2118
CMYK	0.00, 0.01, 0.21, 0.00
HSL	57°, 100%, 89%
HSV	57°, 21%, 100%
XYZ	86.5930, 95.0979, 69.0501
YIQ	247.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

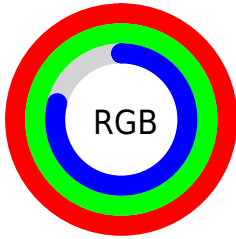
Format	Color
R_{YB}	204, 255, 201
Decimal	16776393
CIE _{Lab}	98.07, -6.98, 24.85
CIE _{LCh}	98, 25.809, 105.690
Yxy	95.0979, 0.3453, 0.3793
Android (android.graphics.Color)	4294966473 (0xFFFFFCC9)
YUV	247.0830, -22.7189, 6.9432
Hunter-Lab	97.5182, -12.1545, 26.2810

Details

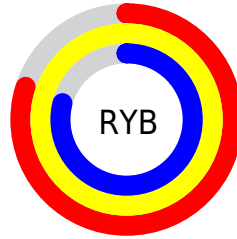
The XYZ color **86.5930, 95.0979, 69.0501** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.7298, 62.8214, 103.3746**, and the grayscale version is **88.6463, 93.2628, 101.5632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0703, 53.1426, 35.3277** is the 20% darker color. If you saturate the color by 10%, you get **83.3974, 93.1152, 54.3940**, and if you desaturate by 10%, it is **90.2946, 97.2947, 86.3340**.

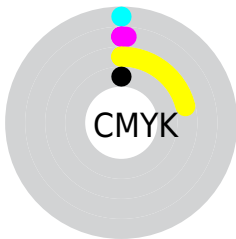
Distribution



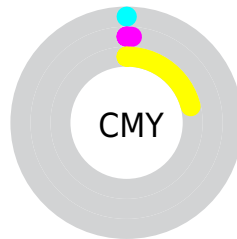
- Red (100%)
- Green (99%)
- Blue (79%)



- Red (80%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5930, 95.0979, 69.0501 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 86.5930, 95.0979, 69.0501 by changing the saturation by 10% instead.


 86.5930, 95.0979,
69.0501

 86.5930, 95.0979,
69.0501


505.2892,
544.4783, 475.9064

 65.4854, 72.2165,
50.2805


141.4993,
154.3998, 119.5215

 48.1209, 53.3355,
35.2636


176.0286,
191.5891, 152.0604

 34.1343, 38.0707,
23.5808


215.7626,
234.3165, 190.0261

 23.1602, 26.0376,
14.8136

261.0666,
282.9664, 233.8372

 14.8332, 16.8517,
8.5435

312.3058,
337.9231, 283.9123

 8.7879, 10.1288,
4.3519

369.8458,

 4.6591, 5.4845,

399.5710, 340.6698

1.8203

434.0518,
468.2947, 404.5283

■ 2.0814, 2.5342,
0.4413

■ 0.6791, 0.8937,
0.0000

■ 86.5930, 95.0979,
69.0501

■ 86.5930, 95.0979,
69.0501

■ 83.3974, 93.1152,
54.3940

■ 90.2946, 97.2947,
86.3340

■ 80.6763, 91.3243,
42.2303

■ 94.5180, 99.7024,
106.3601

■ 78.4053, 89.7187,
32.4207

■ 95.0500, 100.0000,
108.9000

■ 76.5552, 88.2868,
24.8111

■ 75.0931, 87.0152,
19.2288

■ 73.9814, 85.8891,
15.4756

■ 73.1749, 84.8903,
13.3134

■ 72.6549, 84.0899,
12.4016

Harmonies

Analogous

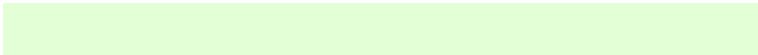
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9517, 95.0979, 68.8564



86.5930, 95.0979, 69.0501



80.5805, 95.0979, 77.6009

Triad

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



86.5930, 95.0979, 69.0501



80.8051, 95.0979, 135.5390



104.8928, 95.0979, 113.9515

Complementary

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



86.5930, 95.0979, 69.0501



63.7298, 62.8214, 103.3746

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.



100.9600, 95.0979, 134.7105



86.5930, 95.0979, 69.0501



86.9150, 95.0979, 148.2792

Square

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



86.5930, 95.0979, 69.0501



77.3654, 95.0979, 114.9647



94.2917, 95.0979, 147.9568



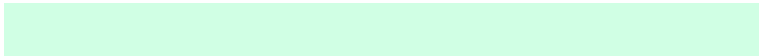
104.7949, 95.0979, 92.9085

Rectangle

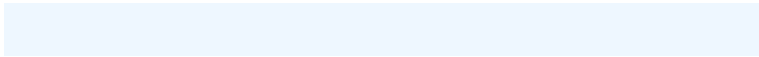
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5930, 95.0979, 69.0501



78.0270, 95.0979, 87.6543



94.2917, 95.0979, 147.9568



103.9894, 95.0979, 121.2498

Sweetspot

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



86.5953, 95.1021, 69.0521



92.4136, 98.5135, 96.3489



73.0986, 67.4228, 66.6672



19.7214, 21.0523, 20.3433



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

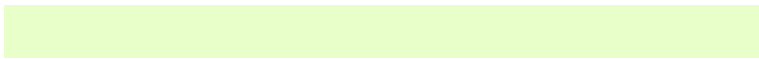
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5953, 95.1021, 69.0521



85.3144, 94.3184, 63.1433



79.4522, 92.8262, 68.9893



19.4699, 20.9079, 19.1538



38.0011, 44.0135, 6.4926



3.7253, 4.3360, 0.6406

Inverse Universe

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



63.7298, 62.8214, 103.3746



59.0656, 57.2623, 102.5474



69.8021, 64.9057, 103.4568



17.0838, 17.5392, 22.7349



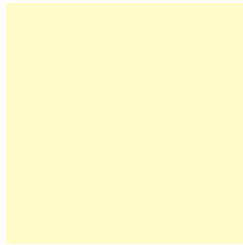
9.5467, 4.0029, 49.7041



0.9567, 0.4440, 4.8486

Previews

White Background



This preview shows how the XYZ color 86.5930, 95.0979, 69.0501 looks on a white background.

Color Contrast Check

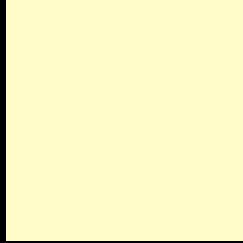
Large Text (above 18pt) WCAG AA × Fail

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 86.5930, 95.0979, 69.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

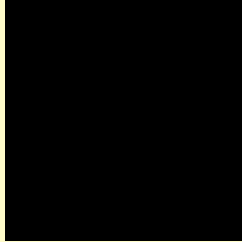
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.5930, 95.0979, 69.0501

Background



This preview shows how black text looks on a background with the XYZ color 86.5930, 95.0979, 69.0501.

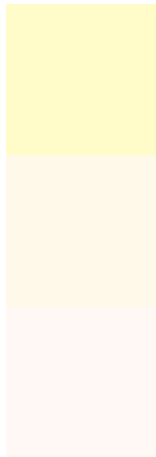


This preview shows how white text looks on a background with the XYZ color 86.5930, 95.0979,

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

86.5930, 95.0979, 69.0501

Protanopia

89.8237, 94.8946, 90.6731

Deuteranopia

91.1365, 94.9265, 99.1072

Tritanopia

92.5508, 95.0015, 108.0669

Trichromacy



Original Color

86.5930, 95.0979, 69.0501

Protanomaly

88.4768, 94.8517, 82.0516

Deuteranomaly

89.1193, 94.6128, 86.9638

Tritanomaly

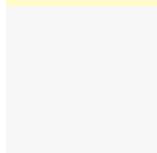
90.1111, 95.0095, 92.1866

Monochromacy



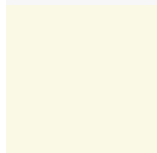
Original Color

86.5930, 95.0979, 69.0501



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.5830, 93.7885, 88.3498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5930, 95.0979, 69.0501 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, 252, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 201)  
}
```

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, 252, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 201) }
```

Border

The CSS property to change the border of an element to XYZ 86.5930, 95.0979, 69.0501 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, 252, 201) }
```


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

```
.border{ border-color:rgb(255, 252, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5930, 95.0979, 69.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 201) }
```

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

```
.background{ background-color: rgb(255,  
252, 201) }
```

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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