

Converting Colors

XYZ(89.2975, 102.7360,
70.5946)

Have a look what the booklet for
XYZ(89.2975, 102.7360, 70.5946)
contains.

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Color

**XYZ(86.0863, 96.2463,
69.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFC9
RGB	251, 255, 201
RGB Percent	98%, 100%, 79%
CMY	0.0157, 0.0000, 0.2118
CMYK	0.02, 0.00, 0.21, 0.00
HSL	64°, 100%, 89%
HSV	64°, 21%, 100%
XYZ	86.0863, 96.2463, 69.2985
YIQ	247.6480, 14.9500, -17.6420

Conversions

Conversions Part 2

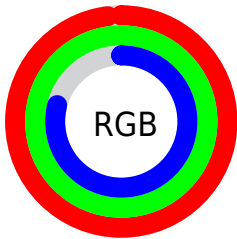
Format	Color
R_{YB}	201, 255, 205
Decimal	16515017
CIE Lab	98.53, -9.90, 25.43
CIE LCh	99, 27.288, 111.267
Yxy	96.2463, 0.3421, 0.3825
Android (android.graphics.Color)	4294705097 (0xFFFBFFC9)
YUV	247.6480, -22.9975, 2.9397
Hunter-Lab	98.1052, -15.0522, 26.7930

Details

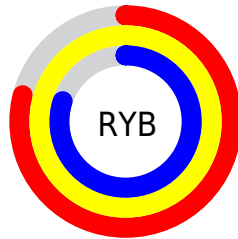
The XYZ color **86.0863, 96.2463, 69.2985** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.1144, 61.9737, 103.1907**, and the grayscale version is **89.1081, 93.7486, 102.0923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7087, 53.9641, 35.5054** is the 20% darker color. If you saturate the color by 10%, you get **82.6542, 94.7952, 54.7575**, and if you desaturate by 10%, it is **90.0242, 97.9005, 86.4652**.

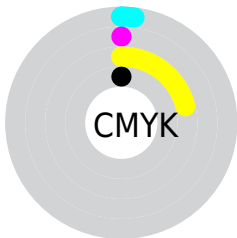
Distribution



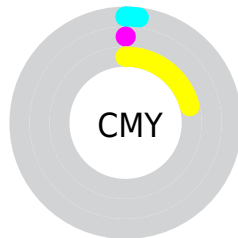
- Red (98%)
- Green (100%)
- Blue (79%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0863, 96.2463, 69.2985 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 86.0863, 96.2463, 69.2985 by changing the saturation by 10% instead.


 86.0863, 96.2463,
69.2985

 86.0863, 96.2463,
69.2985


503.6454,
548.1472, 476.8055

 65.0648, 73.1727,
50.4816


140.7961,
155.9853, 119.8795

 47.7786, 54.1172,
35.4223


175.2152,
193.4195, 152.4807

 33.8621, 38.6954,
23.7022


214.8309,
236.4093, 190.5138

 22.9501, 26.5228,
14.9027

260.0085,
285.3392, 234.3972

 14.6771, 17.2152,
8.6053

311.1134,
340.5936, 284.5495

 8.6779, 10.3880,
4.3914

368.5109,

 4.5871, 5.6570,

402.5568, 341.3893

1.8424

432.5665,
471.6132, 405.3351

■ 2.0394, 2.6376,
0.4557

■ 0.6559, 0.9456,
0.0000

■ 86.0863, 96.2463,
69.2985

■ 86.0863, 96.2463,
69.2985

■ 82.6542, 94.7952,
54.7575

■ 90.0242, 97.9005,
86.4652

■ 79.7018, 93.5369,
42.7088

■ 94.4894, 99.7663,
106.3740

■ 77.2030, 92.4607,
33.0134

■ 95.0500, 100.0000,
108.9000

■ 75.1285, 91.5551,
25.5171

■ 73.4455, 90.8068,
20.0474

■ 72.1164, 90.2008,
16.4061

■ 71.0958, 89.7190,
14.3551

■ 70.3898, 89.3723,
13.5406

Harmonies

Analogous

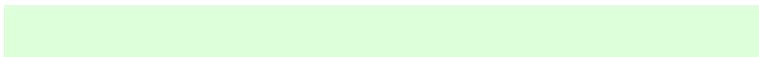
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8018, 96.2463, 67.4517



86.0863, 96.2463, 69.2985



80.1483, 96.2463, 79.8947

Triad

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



86.0863, 96.2463, 69.2985



82.3119, 96.2463, 142.4720



107.3077, 96.2463, 111.5315

Complementary

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



86.0863, 96.2463, 69.2985



64.1144, 61.9737, 103.1907

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.



103.8307, 96.2463, 134.3980



86.0863, 96.2463, 69.2985



89.1953, 96.2463, 153.8712

Square

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



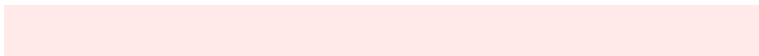
86.0863, 96.2463, 69.2985



78.0578, 96.2463, 121.3577



97.0928, 96.2463, 150.7214



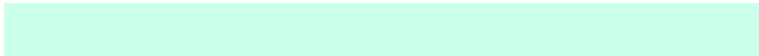
106.3571, 96.2463, 89.8138

Rectangle

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



86.0863, 96.2463, 69.2985



77.8516, 96.2463, 91.4529



97.0928, 96.2463, 150.7214



106.6110, 96.2463, 119.3773

Sweetspot

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



86.0868, 96.2465, 69.2999



92.2680, 98.8392, 96.4194



73.5191, 68.9496, 64.6934



19.6868, 21.1296, 20.3601



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

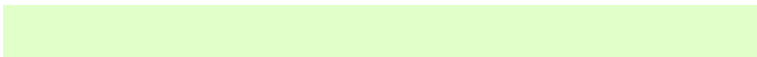
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0868, 96.2465, 69.2999



84.7157, 95.6681, 63.4354



77.1679, 91.6486, 68.8825



19.4206, 21.0183, 19.1777



36.8362, 46.7279, 7.0779



3.6246, 4.5693, 0.6909

Inverse Universe

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



64.1144, 61.9737, 103.1907



59.4929, 56.3227, 102.3435



72.0865, 66.0834, 103.5637



17.1276, 17.4420, 22.7139



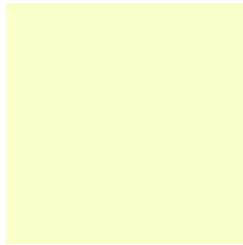
9.6152, 3.8673, 49.6743



0.9774, 0.3978, 4.8385

Previews

White Background



This preview shows how the XYZ color 86.0863, 96.2463, 69.2985 looks on a white background.

Color Contrast Check

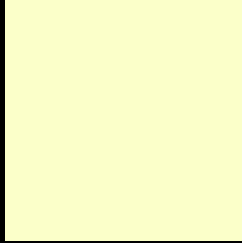
Large Text (above 18pt) WCAG AA × Fail

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 86.0863, 96.2463, 69.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

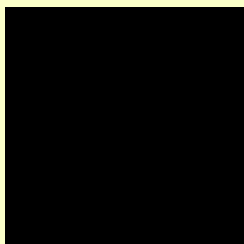
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

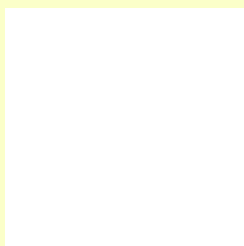
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0863, 96.2463, 69.2985

Background



This preview shows how black text looks on a background with the XYZ color 86.0863, 96.2463, 69.2985.



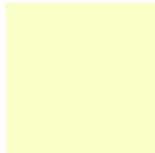
This preview shows how white text looks on a background with the XYZ color 86.0863, 96.2463,

69.2985.

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

86.0863, 96.2463, 69.2985



Protanopia

91.1698, 96.4274, 94.6961

Deuteranopia

92.2141, 96.3466, 101.7322

Tritanopia

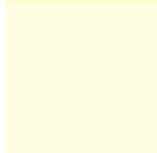
92.4337, 95.8540, 108.2376

Trichromacy



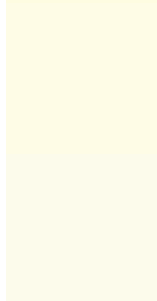
Original Color

86.0863, 96.2463, 69.2985



Protanomaly

89.2741, 96.1279, 85.0835



Deuteranomaly

89.9664, 96.4048, 88.7292

Tritanomaly

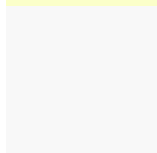
89.6375, 95.6880, 92.3425

Monochromacy



Original Color

86.0863, 96.2463, 69.2985



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

87.9879, 94.9036, 89.2821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0863, 96.2463, 69.2985 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(251, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 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(251, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 201) }
```

Border

The CSS property to change the border of an element to XYZ 86.0863, 96.2463, 69.2985 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(251, 255, 201) }
```


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

```
.border{ border-color:rgb(251, 255, 201) }
```

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

Here you see how a box with a 4 pixel rgb(251, 255, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0863, 96.2463, 69.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 201) }
```

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

```
.background{ background-color: rgb(251,  
255, 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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