

Converting Colors

XYZ(88.2031, 96.2484, 82.3365)

Have a look what the booklet for
XYZ(88.2031, 96.2484, 82.3365)
contains.

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Color

**XYZ(87.9601, 95.9802,
82.2967)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFDDD
RGB	251, 253, 221
RGB Percent	98%, 99%, 87%
CMY	0.0157, 0.0078, 0.1333
CMYK	0.01, 0.00, 0.13, 0.01
HSL	64°, 89%, 93%
HSV	64°, 13%, 99%
XYZ	87.9601, 95.9802, 82.2967
YIQ	248.7540, 9.0800, -10.3760

Conversions

Conversions Part 2

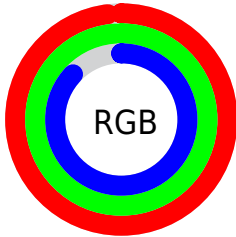
Format	Color
R _Y B	221, 253, 223
Decimal	16514525
CIE Lab	98.42, -5.96, 15.10
CIE LCh	98, 16.235, 111.530
Yxy	95.9802, 0.3304, 0.3605
Android (android.graphics.Color)	4294704605 (0xFFFBFDDD)
YUV	248.7540, -13.6827, 1.9697
Hunter-Lab	97.9695, -11.1837, 18.7736

Details

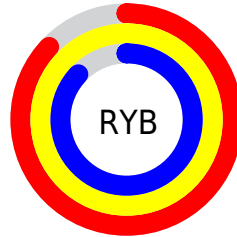
The XYZ color **87.9601, 95.9802, 82.2967** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.0212, 74.4953, 103.4113**, and the grayscale version is **89.9463, 94.6305, 103.0527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8710, 53.7024, 43.8662** is the 20% darker color. If you saturate the color by 10%, you get **84.2725, 94.4426, 65.8342**, and if you desaturate by 10%, it is **92.1658, 97.7319, 101.4390**.

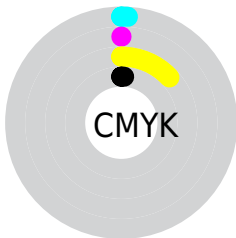
Distribution



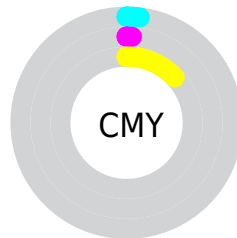
- Red (98%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9601, 95.9802, 82.2967 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 87.9601, 95.9802, 82.2967 by changing the saturation by 10% instead.


 87.9601, 95.9802,
82.2967

 87.9601, 95.9802,
82.2967


509.7099,
547.2982, 522.5491

 66.6207, 72.9511,
61.0729


143.3944,
155.6181, 138.4304

 49.0460, 53.9360,
43.8531

178.2201,
192.9956, 174.1774

 34.8707, 38.5505,
30.2187


218.2718,
235.9248, 215.6025

 23.7293, 26.4102,
19.7512

263.9150,
284.7899, 263.1243

 15.2566, 17.1308,
12.0320

315.5151,
339.9754, 317.1613

 9.0872, 10.3278,
6.6427

373.4374,

 4.8556, 5.6168,

401.8657, 378.1321

3.1646

438.0472,
470.8452, 446.4552

■ 2.1967, 2.6135,
1.1793

■ 0.7410, 0.9335,
0.0000

■ 87.9601, 95.9802,
82.2967

■ 87.9601, 95.9802,
82.2967

■ 84.2725, 94.4426,
65.8342

■ 92.1658, 97.7319,
101.4390

■ 81.0724, 93.0975,
51.9260

■ 94.1129, 98.5775,
108.6748

■ 78.3382, 91.9392,
40.4458

■ 94.4172, 98.7344,
108.6891

■ 76.0432, 90.9572,
31.2542

■ 74.1584, 90.1398,
24.1976

■ 72.6510, 89.4738,
19.1036

■ 71.4832, 88.9443,
15.7732

■ 70.6091, 88.5328,
13.9653

■ 70.1043, 88.2858,
13.3460

Harmonies

Analogous

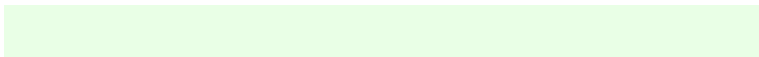
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5597, 95.9802, 81.0084



87.9601, 95.9802, 82.2967



84.3534, 95.9802, 89.2635

Triad

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



87.9601, 95.9802, 82.2967



85.7360, 95.9802, 126.0349



100.4298, 95.9802, 108.3526

Complementary

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



87.9601, 95.9802, 82.2967



74.0212, 74.4953, 103.4113

Split Complementary

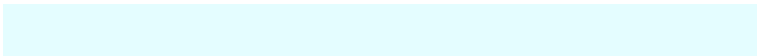
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.4627, 95.9802, 121.3922



87.9601, 95.9802, 82.2967



89.9058, 95.9802, 132.1579

Square

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



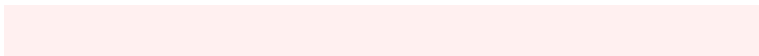
87.9601, 95.9802, 82.2967



83.1003, 95.9802, 114.2630



94.5724, 95.9802, 130.3899



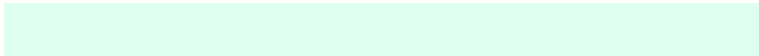
99.8655, 95.9802, 95.3211

Rectangle

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



87.9601, 95.9802, 82.2967



82.9458, 95.9802, 96.5436



94.5724, 95.9802, 130.3899



100.0403, 95.9802, 112.8948

Sweetspot

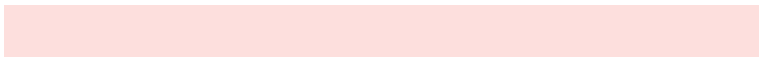
The Sweet Spot groups the original color and five complimentary colors.



87.9627, 95.9844, 82.2988



93.2162, 99.2394, 100.4683



79.8432, 78.6674, 79.3842



19.8804, 21.2115, 21.1758



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.



87.9627, 95.9844, 82.2988



88.6158, 97.3251, 79.5904



82.5731, 93.2060, 82.0465



19.4422, 21.0294, 19.1787



37.3379, 46.9865, 7.1014



3.6681, 4.5917, 0.6930

Inverse Universe

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



74.0212, 74.4953, 103.4113



72.0559, 71.7997, 104.6687



79.0507, 77.0881, 103.6467



17.1083, 17.4321, 22.7130



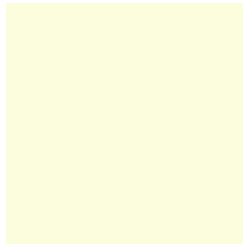
9.5829, 3.8506, 49.6728



0.9683, 0.3931, 4.8381

Previews

White Background



This preview shows how the XYZ color 87.9601, 95.9802, 82.2967 looks on a white background.

Color Contrast Check

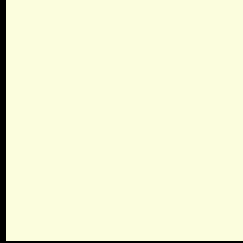
Large Text (above 18pt) WCAG AA × Fail

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 87.9601, 95.9802, 82.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

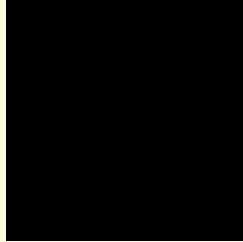
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.9601, 95.9802, 82.2967

Background



This preview shows how black text looks on a background with the XYZ color 87.9601, 95.9802, 82.2967.



This preview shows how white text looks on a background with the XYZ color 87.9601, 95.9802,

82.2967.

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

87.9601, 95.9802, 82.2967

Protanopia

91.0056, 95.8632, 95.3683

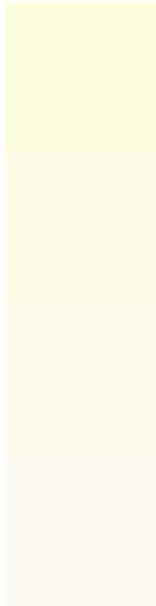
Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

92.0706, 95.6668, 108.2206

Trichromacy



Original Color

87.9601, 95.9802, 82.2967

Protanomaly

89.9357, 95.8914, 90.1127

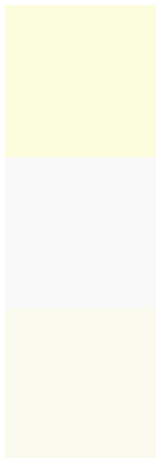
Deuteranomaly

90.4913, 95.6151, 94.5751

Tritanomaly

90.5082, 95.5377, 98.4644

Monochromacy



Original Color

87.9601, 95.9802, 82.2967

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.1899, 94.9272, 95.2833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9601, 95.9802, 82.2967 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, 253, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 221)  
}
```

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, 253, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 221) }
```

Border

The CSS property to change the border of an element to XYZ 87.9601, 95.9802, 82.2967 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, 253, 221) }
```


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

```
.border{ border-color:rgb(251, 253, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 253, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9601, 95.9802, 82.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 221) }
```

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

```
.background{ background-color: rgb(251,  
253, 221) }
```

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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