

Converting Colors

XYZ(86.3964, 94.7600, 71.9926)

Have a look what the booklet for
XYZ(86.3964, 94.7600, 71.9926)
contains.

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Color

**XYZ(86.4590, 94.9597,
72.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFCCE
RGB	253, 252, 206
RGB Percent	99%, 99%, 81%
CMY	0.0078, 0.0117, 0.1921
CMYK	0.00, 0.00, 0.19, 0.01
HSL	59°, 92%, 90%
HSV	59°, 19%, 99%
XYZ	86.4590, 94.9597, 72.1647
YIQ	247.0550, 15.3620, -14.0940

Conversions

Conversions Part 2

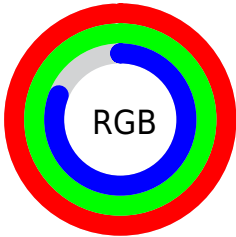
Format	Color
R _Y B	207, 253, 206
Decimal	16645326
CIE Lab	98.02, -6.99, 22.21
CIE LCh	98, 23.281, 107.476
Yxy	94.9597, 0.3409, 0.3745
Android (android.graphics.Color)	4294835406 (0xFFFDFCCE)
YUV	247.0550, -20.2401, 5.2138
Hunter-Lab	97.4473, -12.1606, 24.3058

Details

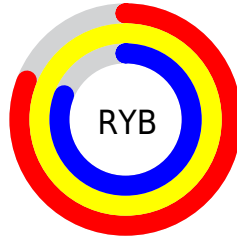
The XYZ color **86.4590, 94.9597, 72.1647** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.4959, 64.8379, 101.9921**, and the grayscale version is **88.6057, 93.2201, 101.5166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9476, 53.0330, 37.4150** is the 20% darker color. If you saturate the color by 10%, you get **83.4627, 93.4958, 57.2035**, and if you desaturate by 10%, it is **89.9555, 96.6309, 89.7357**.

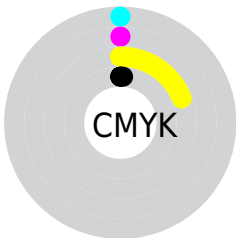
Distribution



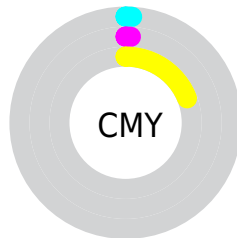
- Red (99%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.4590, 94.9597, 72.1647 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 86.4590, 94.9597, 72.1647 by changing the saturation by 10% instead.


 86.4590, 94.9597,
72.1647

 86.4590, 94.9597,
72.1647


504.8547,
544.0360, 487.1076

 65.3741, 72.1014,
52.8056


141.3134,
154.2089, 124.0006

 48.0303, 53.2415,
37.2609


175.8136,
191.3687, 157.3144

 34.0623, 37.9956,
25.1122


215.5163,
234.0644, 196.1168

 23.1046, 25.9793,
15.9409

260.7869,
282.6804, 240.8265

 14.7918, 16.8082,
9.3284

311.9906,
337.6012, 291.8618

 8.7588, 10.0978,
4.8563

369.4930,

 4.6400, 5.4639,

399.2111, 349.6414

2.1059

433.6592,
467.8946, 414.5838

■ 2.0702, 2.5219,
0.6193

■ 0.6729, 0.8876,
0.0000

■ 86.4590, 94.9597,
72.1647

■ 86.4590, 94.9597,
72.1647

■ 83.4627, 93.4958,
57.2035

■ 89.9555, 96.6309,
89.7357

■ 80.9356, 92.2171,
44.7216

■ 93.7078, 98.4019,
108.6623

■ 78.8546, 91.1177,
34.5864

■ 93.8771, 98.7405,
108.7187

■ 77.1917, 90.1862,
26.6505

■ 94.0469, 99.0800,
108.7753

■ 75.9157, 89.4102, 94.2171, 99.4205,
20.7500 108.8320

■ 74.9911, 88.7756, 94.3183, 99.6228,
16.6979 108.8658

■ 74.3761, 88.2655,
14.2729

■ 74.0107, 87.8560,
13.1606

■ 73.9676, 87.8014,
13.0489

Harmonies

Analogous

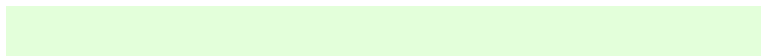
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0666, 94.9597, 71.5203



86.4590, 94.9597, 72.1647



81.1293, 94.9597, 80.5002

Triad

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



86.4590, 94.9597, 72.1647



81.8613, 94.9597, 132.8999



103.3659, 94.9597, 111.5674

Complementary

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



86.4590, 94.9597, 72.1647



65.4959, 64.8379, 101.9921

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.



100.0434, 94.9597, 130.2647



86.4590, 94.9597, 72.1647



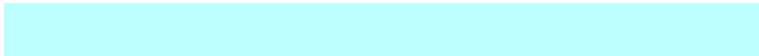
87.5033, 94.9597, 143.5614

Square

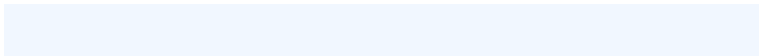
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



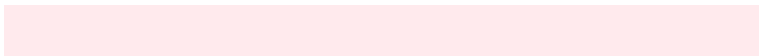
86.4590, 94.9597, 72.1647



78.5661, 94.9597, 114.8235



94.1633, 94.9597, 142.5415



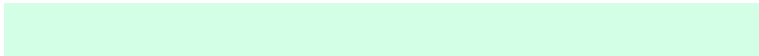
103.0522, 94.9597, 92.7511

Rectangle

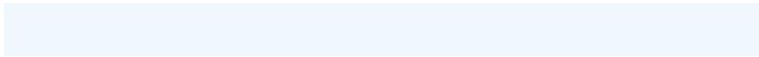
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4590, 94.9597, 72.1647



78.9189, 94.9597, 89.9515



94.1633, 94.9597, 142.5415



102.6307, 94.9597, 118.1153

Sweetspot

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



86.4615, 94.9639, 72.1667



92.5805, 98.8471, 96.4045



73.9122, 69.5593, 68.9274



19.7610, 21.1315, 20.3565



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.



86.4615, 94.9639, 72.1667



86.9197, 96.1439, 67.9485



79.2433, 91.7076, 71.9186



19.5263, 21.0209, 19.1726



39.3624, 46.7360, 6.9463



3.8427, 4.5707, 0.6797

Inverse Universe

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



65.4959, 64.8379, 101.9921



62.2511, 60.6973, 103.0425



71.7758, 67.7188, 102.2171



17.0338, 17.4393, 22.7183



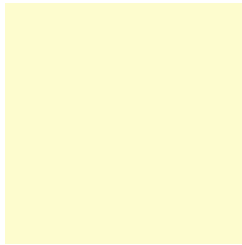
9.4754, 3.8604, 49.6803



0.9330, 0.3966, 4.8407

Previews

White Background



This preview shows how the XYZ color 86.4590, 94.9597, 72.1647 looks on a white background.

Color Contrast Check

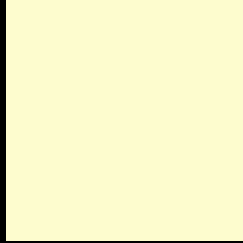
Large Text (above 18pt) WCAG AA × Fail

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 86.4590, 94.9597, 72.1647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

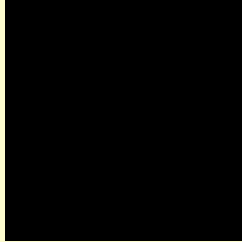
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.4590, 94.9597, 72.1647

Background



This preview shows how black text looks on a background with the XYZ color 86.4590, 94.9597, 72.1647.

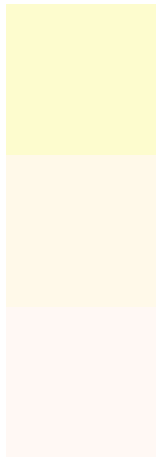


This preview shows how white text looks on a background with the XYZ color 86.4590, 94.9597,

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

86.4590, 94.9597, 72.1647

Protanopia

89.8237, 94.8946, 90.6731

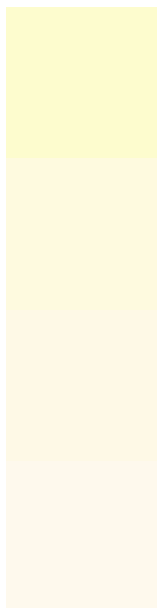
Deuteranopia

91.1365, 94.9265, 99.1072

Tritanopia

92.1838, 94.8124, 108.0497

Trichromacy



Original Color

86.4590, 94.9597, 72.1647

Protanomaly

88.3779, 94.7698, 83.4464

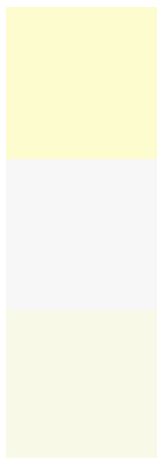
Deuteranomaly

89.0317, 94.5354, 88.4176

Tritanomaly

90.0348, 94.9366, 93.7000

Monochromacy



Original Color

86.4590, 94.9597, 72.1647

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.5081, 93.7173, 89.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4590, 94.9597, 72.1647 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(253, 252, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 252, 206)  
}
```

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(253, 252, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 252, 206) }
```

Border

The CSS property to change the border of an element to XYZ 86.4590, 94.9597, 72.1647 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(253, 252, 206) }
```


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

```
.border{ border-color:rgb(253, 252, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 252, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 252, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 252, 206); box-shadow:4px 4px 4px 4px rgb(253, 252, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4590, 94.9597, 72.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 252, 206) }
```

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

```
.background{ background-color: rgb(253,  
252, 206) }
```

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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