

Converting Colors

XYZ(86.3603, 93.5682, 72.2531)

Have a look what the booklet for
XYZ(86.3603, 93.5682, 72.2531)
contains.

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Color

**XYZ(86.3782, 93.5164,
72.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9CF
RGB	255, 249, 207
RGB Percent	100%, 98%, 81%
CMY	0.0000, 0.0235, 0.1882
CMYK	0.00, 0.02, 0.19, 0.00
HSL	53°, 100%, 91%
HSV	53°, 19%, 100%
XYZ	86.3782, 93.5164, 72.5293
YIQ	246.0060, 17.0580, -11.7900

Conversions

Conversions Part 2

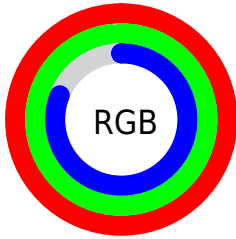
Format	Color
R_{YB}	214, 255, 207
Decimal	16775631
CIE Lab	97.44, -4.64, 20.91
CIE LCh	97, 21.421, 102.509
Yxy	93.5164, 0.3422, 0.3705
Android (android.graphics.Color)	4294965711 (0xFFFFF9CF)
YUV	246.0060, -19.2300, 7.8877
Hunter-Lab	96.7039, -9.7913, 23.2244

Details

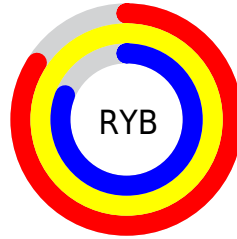
The XYZ color **86.3782, 93.5164, 72.5293** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.5758, 68.0720, 104.1853**, and the grayscale version is **87.7452, 92.3148, 100.5308**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1084, 52.4456, 37.7244** is the 20% darker color. If you saturate the color by 10%, you get **82.5338, 90.4202, 57.0895**, and if you desaturate by 10%, it is **90.7472, 96.8554, 90.6304**.

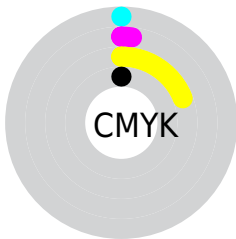
Distribution



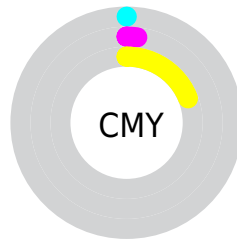
- Red (100%)
- Green (98%)
- Blue (81%)



- Red (84%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3782, 93.5164, 72.5293 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 86.3782, 93.5164, 72.5293 by changing the saturation by 10% instead.


 86.3782, 93.5164,
72.5293

 86.3782, 93.5164,
72.5293


504.5927,
539.4044, 488.4088

 65.3071, 70.9008,
53.1017


141.2013,
152.2134, 124.5235

 47.9757, 52.2612,
37.4957


175.6839,
189.0635, 157.9271

 34.0188, 37.2133,
25.2927

215.3677,
231.4273, 196.8265

 23.0710, 25.3727,
16.0743

260.6182,
279.6891, 241.6402

 14.7670, 16.3550,
9.4218

311.8005,
334.2333, 292.7867

 8.7412, 9.7757,
4.9168

369.2802,

 4.6285, 5.2505,

395.4443, 350.6847

2.1406

433.4224,
463.7066, 415.7525

■ 2.0635, 2.3950,
0.6398

■ 0.6693, 0.8233,
0.0000

■ 86.3782, 93.5164,
72.5293

■ 86.3782, 93.5164,
72.5293

■ 82.5338, 90.4202,
57.0895

■ 90.7472, 96.8554,
90.6304

■ 79.1833, 87.5451,
44.1779

95.0500, 100.0000,
108.9000

■ 76.3026, 84.8842,
33.6589

■ 73.8630, 82.4262,
25.3820

■ 71.8327, 80.1580,
19.1793

■ 70.1752, 78.0649,
14.8597

■ 68.8473, 76.1296,
12.1962

■ 67.7866, 74.3270,
10.8600

■ 67.6698, 74.1197,
10.7399

Harmonies

Analogous

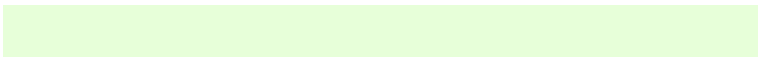
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4420, 93.5164, 73.1312



86.3782, 93.5164, 72.5293



81.2223, 93.5164, 79.0982

Triad

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



86.3782, 93.5164, 72.5293



80.5481, 93.5164, 126.1444



100.4984, 93.5164, 112.2135

Complementary

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



86.3782, 93.5164, 72.5293



67.5758, 68.0720, 104.1853

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.



97.0141, 93.5164, 128.5312



86.3782, 93.5164, 72.5293



85.4195, 93.5164, 137.1822

Square

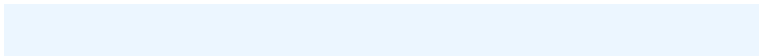
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3782, 93.5164, 72.5293



77.9607, 93.5164, 109.2432



91.4389, 93.5164, 138.1023



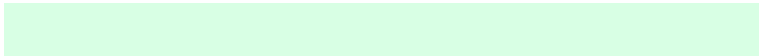
100.7839, 93.5164, 94.7475

Rectangle

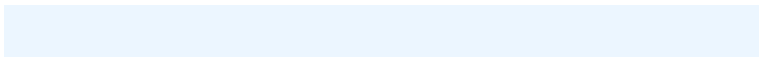
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3782, 93.5164, 72.5293



78.9192, 93.5164, 87.1475



91.4389, 93.5164, 138.1023



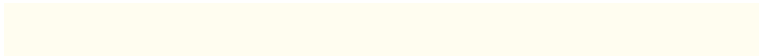
99.6554, 93.5164, 118.0610

Sweetspot

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



86.3804, 93.5204, 72.5313



92.0772, 97.8405, 96.2367



75.6146, 70.7111, 72.8818



19.6416, 20.8927, 20.3167



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

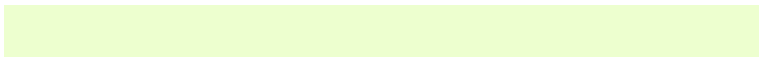
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3804, 93.5204, 72.5313



84.7117, 92.1974, 65.7648



82.0817, 94.0987, 72.8695



19.3563, 20.6807, 19.1159



35.4351, 38.8814, 5.6372



3.5021, 3.8896, 0.5662

Inverse Universe

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



67.5758, 68.0720, 104.1853



62.4215, 62.0335, 103.2914



71.2905, 67.7902, 103.9351



17.1857, 17.7431, 22.7689



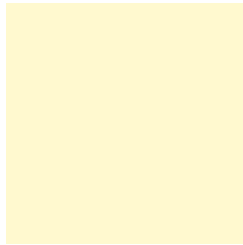
9.7557, 4.4210, 49.7737



1.0047, 0.5401, 4.8646

Previews

White Background



This preview shows how the XYZ color 86.3782, 93.5164, 72.5293 looks on a white background.

Color Contrast Check

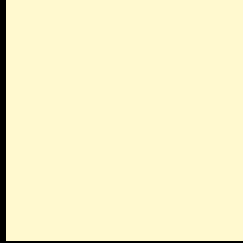
Large Text (above 18pt) WCAG AA × Fail

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 86.3782, 93.5164, 72.5293 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 86.3782, 93.5164, 72.5293

Background



This preview shows how black text looks on a background with the XYZ color 86.3782, 93.5164, 72.5293.



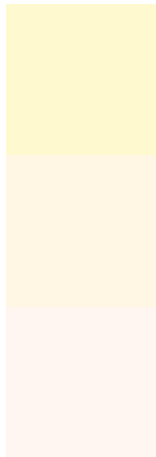
This preview shows how white text looks on a background with the XYZ color 86.3782, 93.5164,

72.5293.

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

86.3782, 93.5164, 72.5293

Protanopia

88.3659, 93.3276, 86.0297

Deuteranopia

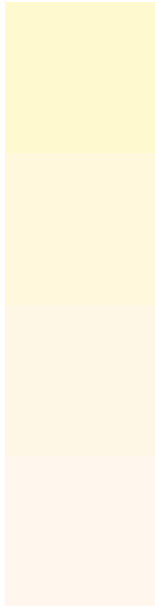
90.0730, 93.5224, 96.5234



Tritanopia

91.7818, 93.7206, 107.0184

Trichromacy



Original Color

86.3782, 93.5164, 72.5293

Protanomaly

87.7257, 93.5621, 81.1458

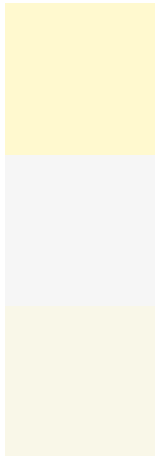
Deuteranomaly

88.6436, 93.4387, 87.4922

Tritanomaly

89.4818, 93.2860, 93.4106

Monochromacy



Original Color

86.3782, 93.5164, 72.5293

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.8932, 92.4875, 89.6160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3782, 93.5164, 72.5293 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, 249, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 207)  
}
```

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, 249, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 207) }
```

Border

The CSS property to change the border of an element to XYZ 86.3782, 93.5164, 72.5293 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, 249, 207) }
```


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

```
.border{ border-color:rgb(255, 249, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3782, 93.5164, 72.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 207) }
```

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

```
.background{ background-color: rgb(255,  
249, 207) }
```

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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