

Converting Colors

XYZ(98.7881, 98.7147, 58.6852)

Have a look what the booklet for
XYZ(98.7881, 98.7147, 58.6852)
contains.

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Color

**XYZ(82.7430, 90.5904,
57.9244)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6B7
RGB	255, 246, 183
RGB Percent	100%, 96%, 72%
CMY	0.0000, 0.0353, 0.2823
CMYK	0.00, 0.04, 0.28, 0.00
HSL	53°, 100%, 86%
HSV	53°, 28%, 100%
XYZ	82.7430, 90.5904, 57.9244
YIQ	241.5090, 25.5870, -17.6850

Conversions

Conversions Part 2

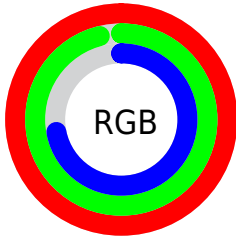
Format	Color
R_{YB}	193, 255, 183
Decimal	16774839
CIE Lab	96.24, -6.38, 31.46
CIE LCh	96, 32.104, 101.458
Yxy	90.5904, 0.3578, 0.3917
Android (android.graphics.Color)	4294964919 (0xFFFFF6B7)
YUV	241.5090, -28.8449, 11.8316
Hunter-Lab	95.1790, -11.3859, 30.5424

Details

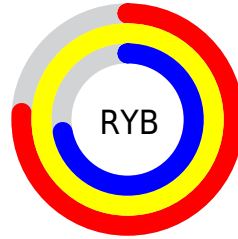
The XYZ color **82.7430, 90.5904, 57.9244** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.4277, 54.9850, 102.2468**, and the grayscale version is **84.2184, 88.6043, 96.4901**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **45.7314, 50.4444, 28.4455** is the 20% darker color. If you saturate the color by 10%, you get **79.3659, 87.7057, 44.8694**, and if you desaturate by 10%, it is **86.6221, 93.7088, 73.5211**.

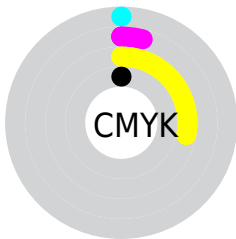
Distribution



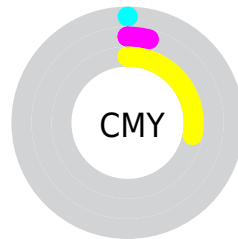
- Red (100%)
- Green (96%)
- Blue (72%)



- Red (76%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7430, 90.5904, 57.9244 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 82.7430, 90.5904, 57.9244 by changing the saturation by 10% instead.


 82.7430, 90.5904,
57.9244

 82.7430, 90.5904,
57.9244


492.7265,
529.9495, 434.4946

 62.2944, 68.4704,
41.3336


 136.1459,
148.1582, 103.3264

 45.5271, 50.2805,
28.2582


169.8308,
184.3748, 132.9748

 32.0758, 35.6364,
18.2796

208.6585,
226.0591, 167.8126

 21.5753, 24.1535,
10.9794

252.9944,
273.5955, 208.2586

 13.6600, 15.4475,
5.9390

303.2037,
327.3683, 254.7313

 7.9647, 9.1341,
2.7398

359.6520,

 4.1240, 4.8287,

387.7620, 307.6491

0.9634

422.7045,
455.1610, 367.4307

■ 1.7725, 2.1471,
0.0000

■ 0.5010, 0.6909,
0.0000

■ 82.7430, 90.5904,
57.9244

■ 82.7430, 90.5904,
57.9244

■ 79.3659, 87.7057,
44.8694

■ 86.6221, 93.7088,
73.5211

■ 76.4580, 85.0319,
34.2136

■ 91.0205, 97.0585,
91.7805

■ 73.9930, 82.5617,
25.8092

95.0500, 100.0000,
108.9000

■ 71.9393, 80.2822,
19.4894

■ 70.2607, 78.1787,
15.0647

■ 68.9146, 76.2342,
12.3109

■ 67.8422, 74.4250,
10.9191

■ 67.6669, 74.1138,
10.7390

Harmonies

Analogous

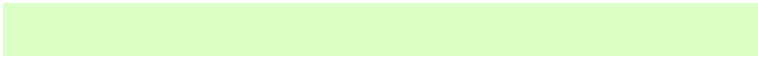
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6699, 90.5904, 59.0321



82.7430, 90.5904, 57.9244



75.2462, 90.5904, 66.2322

Triad

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



82.7430, 90.5904, 57.9244



73.8858, 90.5904, 134.8393



103.3984, 90.5904, 115.0857

Complementary

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



82.7430, 90.5904, 57.9244



56.4277, 54.9850, 102.2468

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.



97.9579, 90.5904, 140.1908



82.7430, 90.5904, 57.9244



80.7670, 90.5904, 152.8834

Square

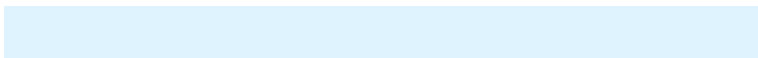
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7430, 90.5904, 57.9244



70.3732, 90.5904, 108.7146



89.5537, 90.5904, 154.9953



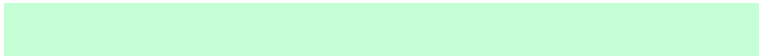
104.0188, 90.5904, 89.2033

Rectangle

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



82.7430, 90.5904, 57.9244



71.9065, 90.5904, 76.9926



89.5537, 90.5904, 154.9953



102.0560, 90.5904, 124.0007

Sweetspot

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



82.7452, 90.5944, 57.9263



91.1301, 97.1399, 92.2414



67.7552, 58.9604, 58.0290



19.3562, 20.6806, 19.1159



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

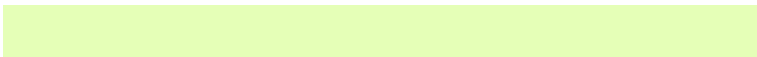
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7452, 90.5944, 57.9263



80.7377, 88.9020, 50.0970



76.4933, 91.5314, 58.4367



19.3562, 20.6806, 19.1159



35.4336, 38.8784, 5.6367



3.5020, 3.8893, 0.5661

Inverse Universe

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



56.4277, 54.9850, 102.2468



50.4086, 47.8702, 101.1908



61.3922, 54.7018, 101.9305



17.1858, 17.7432, 22.7689



9.7559, 4.4213, 49.7738



1.0047, 0.5402, 4.8646

Previews

White Background



This preview shows how the XYZ color 82.7430, 90.5904, 57.9244 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 82.7430, 90.5904, 57.9244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

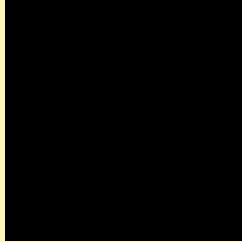
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7430, 90.5904, 57.9244

Background



This preview shows how black text looks on a background with the XYZ color 82.7430, 90.5904, 57.9244.



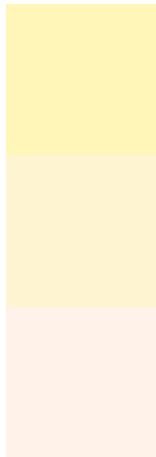
This preview shows how white text looks on a background with the XYZ color 82.7430, 90.5904,

57.9244.

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

82.7430, 90.5904, 57.9244

Protanopia

85.0993, 90.5648, 73.3171

Deuteranopia

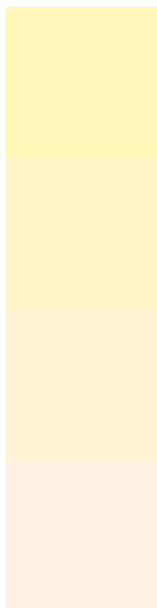
87.5576, 90.5905, 89.2149



Tritanopia

89.6554, 90.4823, 103.1820

Trichromacy



Original Color

82.7430, 90.5904, 57.9244

Protanomaly

84.3177, 90.7349, 67.7132

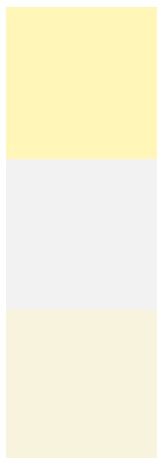
Deuteranomaly

85.4282, 90.2162, 76.5293

Tritanomaly

86.7196, 90.2552, 84.8019

Monochromacy



Original Color

82.7430, 90.5904, 57.9244

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.4595, 89.0958, 81.2050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7430, 90.5904, 57.9244 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, 246, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 183)  
}
```

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, 246, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 183) }
```

Border

The CSS property to change the border of an element to XYZ 82.7430, 90.5904, 57.9244 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, 246, 183) }
```


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

```
.border{ border-color:rgb(255, 246, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 246, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7430, 90.5904, 57.9244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 183) }
```

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

```
.background{ background-color: rgb(255,  
246, 183) }
```

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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