

Converting Colors

XYZ(84.7101, 91.4597, 59.1680)

Have a look what the booklet for
XYZ(84.7101, 91.4597, 59.1680)
contains.

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Color

**XYZ(82.9527, 90.6743,
59.0288)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6B9
RGB	255, 246, 185
RGB Percent	100%, 96%, 73%
CMY	0.0000, 0.0353, 0.2745
CMYK	0.00, 0.04, 0.27, 0.00
HSL	52°, 100%, 86%
HSV	52°, 27%, 100%
XYZ	82.9527, 90.6743, 59.0288
YIQ	241.7370, 24.9450, -17.0630

Conversions

Conversions Part 2

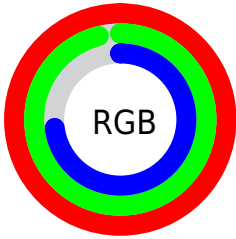
Format	Color
R_{YB}	195, 255, 185
Decimal	16774841
CIE _{Lab}	96.28, -6.12, 30.50
CIE _{LCh}	96, 31.109, 101.353
Yxy	90.6743, 0.3565, 0.3897
Android (android.graphics.Color)	4294964921 (0xFFFFF6B9)
YUV	241.7370, -27.9713, 11.6317
Hunter-Lab	95.2231, -11.1417, 29.9022

Details

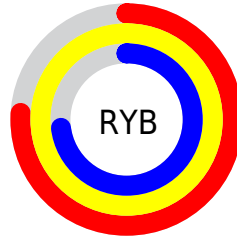
The XYZ color **82.9527, 90.6743, 59.0288** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.3490, 56.1163, 102.4167**, and the grayscale version is **84.3924, 88.7874, 96.6894**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **45.7989, 50.4714, 28.8008** is the 20% darker color. If you saturate the color by 10%, you get **79.5116, 87.7204, 45.7709**, and if you desaturate by 10%, it is **86.8987, 93.8645, 74.8390**.

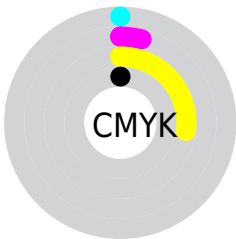
Distribution



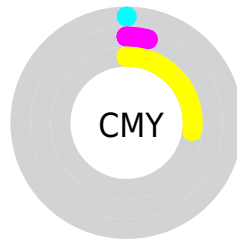
- Red (100%)
- Green (96%)
- Blue (73%)



- Red (76%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9527, 90.6743, 59.0288 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 82.9527, 90.6743, 59.0288 by changing the saturation by 10% instead.


 82.9527, 90.6743,
59.0288

 82.9527, 90.6743,
59.0288


493.4152,
530.2219, 438.7135

 62.4679, 68.5400,
42.2161


 136.4381,
148.2747, 104.9491

 45.6679, 50.3372,
28.9437


170.1694,
184.5096, 134.8937

 32.1874, 35.6814,
18.7931


209.0469,
226.2135, 170.0528

 21.6609, 24.1882,
11.3455

253.4360,
273.7708, 210.8449

 13.7231, 15.4733,
6.1827

303.7020,
327.5659, 257.6884

 8.0088, 9.1522,
2.8859

360.2103,

 4.1524, 4.8406,

387.9832, 311.0020

1.0367

423.3263,
455.4070, 371.2042

■ 1.7887, 2.1541,
0.0000

■ 0.5109, 0.6948,
0.0000

■ 82.9527, 90.6743,
59.0288

■ 82.9527, 90.6743,
59.0288

■ 79.5116, 87.7204,
45.7709

■ 86.8987, 93.8645,
74.8390

■ 76.5428, 84.9804,
34.9237

■ 91.3669, 97.2888,
93.3217

■ 74.0202, 82.4466,
26.3404

95.0500, 100.0000,
108.9000

■ 71.9124, 80.1064,
19.8560

■ 70.1836, 77.9455,
15.2828

■ 68.7920, 75.9467,
12.4001

■ 67.6826, 74.0882,
10.9199

■ 67.4242, 73.6284,
10.6581

Harmonies

Analogous

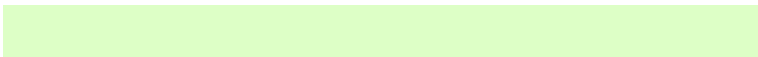
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6071, 90.6743, 60.1480



82.9527, 90.6743, 59.0288



75.6622, 90.6743, 67.1362

Triad

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



82.9527, 90.6743, 59.0288



74.2998, 90.6743, 133.6341



102.9092, 90.6743, 114.7429

Complementary

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



82.9527, 90.6743, 59.0288



57.3490, 56.1163, 102.4167

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.



97.6369, 90.6743, 138.9418



82.9527, 90.6743, 59.0288



80.9777, 90.6743, 151.0441

Square

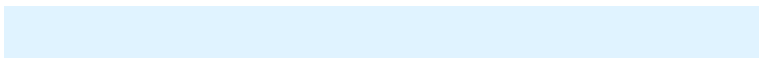
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9527, 90.6743, 59.0288



70.8939, 90.6743, 108.3984



89.4965, 90.6743, 153.1344



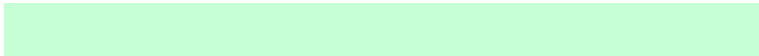
103.5264, 90.6743, 89.6522

Rectangle

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



82.9527, 90.6743, 59.0288



72.4051, 90.6743, 77.6229



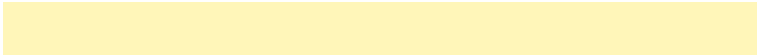
89.4965, 90.6743, 153.1344



101.6069, 90.6743, 123.3510

Sweetspot

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



82.9549, 90.6783, 59.0307



91.1072, 97.0941, 92.2338



68.3648, 59.8690, 59.1893



19.3504, 20.6690, 19.1140



0.0000, 0.0000, 0.0000



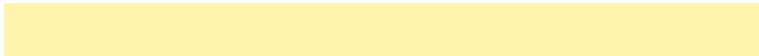
20.3446, 21.4041, 23.3091

Same Dimension

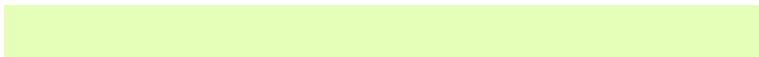
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9549, 90.6783, 59.0307



80.9837, 89.0092, 51.3654



76.9370, 91.7359, 59.5520



19.3504, 20.6690, 19.1140



35.3085, 38.6282, 5.5950



3.4910, 3.8674, 0.5625

Inverse Universe

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



57.3490, 56.1163, 102.4167



51.4707, 49.1787, 101.3874



62.1684, 55.7188, 102.0859



17.1911, 17.7538, 22.7707



9.7701, 4.4497, 49.7785



1.0072, 0.5451, 4.8654

Previews

White Background



This preview shows how the XYZ color 82.9527, 90.6743, 59.0288 looks on a white background.

Color Contrast Check

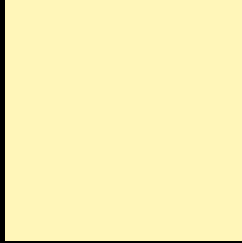
Large Text (above 18pt) WCAG AA × Fail

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 82.9527, 90.6743, 59.0288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

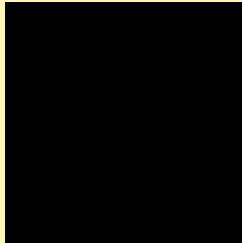
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9527, 90.6743, 59.0288

Background



This preview shows how black text looks on a background with the XYZ color 82.9527, 90.6743, 59.0288.

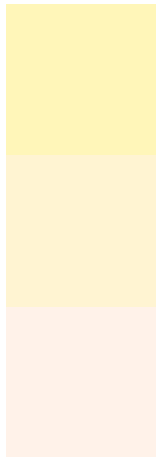


This preview shows how white text looks on a background with the XYZ color 82.9527, 90.6743,

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

82.9527, 90.6743, 59.0288

Protanopia

85.2235, 90.6145, 73.9714

Deuteranopia

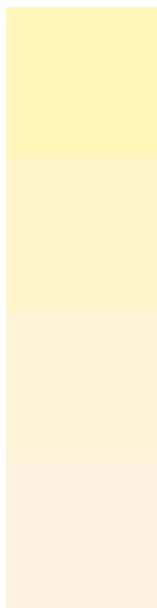
87.7001, 90.6475, 89.9652



Tritanopia

89.6554, 90.4823, 103.1820

Trichromacy



Original Color

82.9527, 90.6743, 59.0288

Protanomaly

84.4350, 90.7819, 68.3308

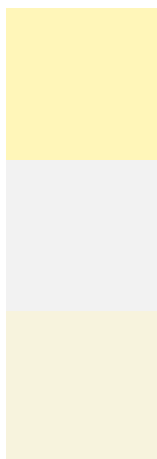
Deuteranomaly

85.6853, 90.3191, 77.8830

Tritanomaly

86.7196, 90.2552, 84.8019

Monochromacy



Original Color

82.9527, 90.6743, 59.0288

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 82.9527, 90.6743, 59.0288 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 185) }
```

Border

The CSS property to change the border of an element to XYZ 82.9527, 90.6743, 59.0288 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, 185) }
```


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

```
.border{ border-color:rgb(255, 246, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9527, 90.6743, 59.0288 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
246, 185) }
```

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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