

Converting Colors

XYZ(84.5976, 94.2997, 58.5426)

Have a look what the booklet for
XYZ(84.5976, 94.2997, 58.5426)
contains.

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Color

**XYZ(84.5976, 94.2997,
58.5426)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCB7
RGB	255, 252, 183
RGB Percent	100%, 99%, 72%
CMY	0.0000, 0.0117, 0.2823
CMYK	0.00, 0.01, 0.28, 0.00
HSL	58°, 100%, 86%
HSV	58°, 28%, 100%
XYZ	84.5976, 94.2997, 58.5426
YIQ	245.0310, 23.9370, -20.8230

Conversions

Conversions Part 2

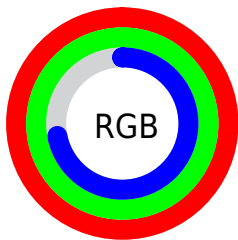
Format	Color
R _Y B	186, 255, 183
Decimal	16776375
CIE Lab	97.75, -9.35, 33.50
CIE LCh	98, 34.776, 105.600
Yxy	94.2997, 0.3563, 0.3972
Android (android.graphics.Color)	4294966455 (0xFFFFFCB7)
YUV	245.0310, -30.5813, 8.7428
Hunter-Lab	97.1080, -14.4352, 32.2320

Details

The XYZ color **84.5976, 94.2997, 58.5426** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.1370, 52.4036, 101.8166**, and the grayscale version is **87.0428, 91.5758, 99.7261**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **46.7283, 52.9352, 28.5235** is the 20% darker color. If you saturate the color by 10%, you get **81.8492, 92.6724, 45.6972**, and if you desaturate by 10%, it is **87.8334, 96.1316, 73.9250**.

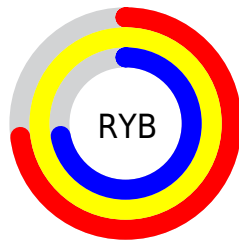
Distribution



Red (100%)

Green (99%)

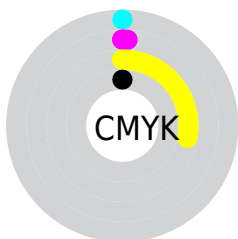
Blue (72%)



Red (73%)

Yellow (100%)

Blue (72%)

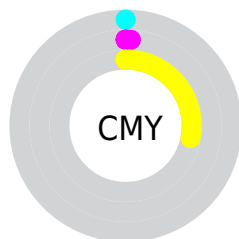


Cyan (0%)

Magenta (1%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5976, 94.2997, 58.5426 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 84.5976, 94.2997, 58.5426 by changing the saturation by 10% instead.


 84.5976, 94.2997,
58.5426

 84.5976, 94.2997,
58.5426


498.7994,
541.9206, 436.8593

 63.8303, 71.5523,
41.8274


 138.7278,
153.2968, 104.2352

 46.7744, 52.7930,
28.6416


172.8213,
190.3152, 134.0496

 33.0646, 37.6375,
18.5666

212.0877,
232.8593, 169.0676

 22.3354, 25.7015,
11.1839

256.8923,
281.3137, 209.7077

 14.2215, 16.6005,
6.0750

307.6004,
336.0626, 256.3884

 8.3576, 9.9500,
2.8212

364.5774,

 4.3784, 5.3658,

397.4904, 309.5282

1.0041

428.1886,
465.9817, 369.5456

■ 1.9183, 2.4635,
0.0000

■ 0.5875, 0.8583,
0.0000

■ 84.5976, 94.2997,
58.5426

■ 84.5976, 94.2997,
58.5426

■ 81.8492, 92.6724,
45.6972

■ 87.8334, 96.1316,
73.9250

■ 79.5552, 91.2265,
35.2461

■ 91.5737, 98.1649,
91.9649

■ 77.6896, 89.9549,
27.0414

95.0500, 100.0000,
108.9000

■ 76.2207, 88.8449,
20.9166

■ 75.1125, 87.8822,
16.6820

■ 74.3223, 87.0497,
14.1135

■ 73.7917, 86.3239,
12.9022

■ 73.7105, 86.2011,
12.7535

Harmonies

Analogous

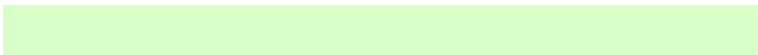
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4560, 94.2997, 58.3393



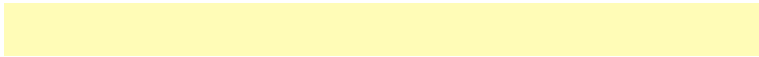
84.5976, 94.2997, 58.5426



76.6820, 94.2997, 69.0066

Triad

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



84.5976, 94.2997, 58.5426



76.9368, 94.2997, 146.8525



109.3992, 94.2997, 116.8673

Complementary

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



84.5976, 94.2997, 58.5426



55.1370, 52.4036, 101.8166

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.



103.9571, 94.2997, 145.8281



84.5976, 94.2997, 58.5426



84.9694, 94.2997, 165.1851

Square

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



84.5976, 94.2997, 58.5426



72.4866, 94.2997, 118.0759



94.8561, 94.2997, 164.7789



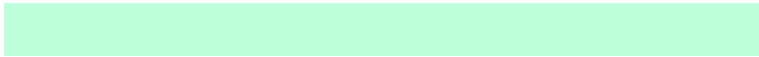
109.2812, 94.2997, 88.6776

Rectangle

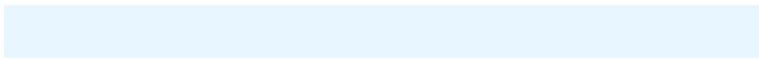
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5976, 94.2997, 58.5426



73.3588, 94.2997, 81.7255



94.8561, 94.2997, 164.7789



108.1429, 94.2997, 126.9327

Sweetspot

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



84.5999, 94.3039, 58.5446



91.6677, 98.2151, 92.4206



67.1011, 58.6988, 54.5841



19.4927, 20.9535, 19.1614



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

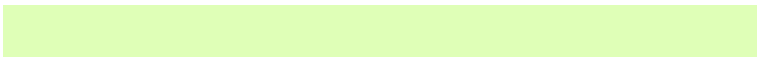
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5999, 94.3039, 58.5446



82.9567, 93.3399, 50.8366



74.6161, 90.5637, 58.3488



19.4927, 20.9535, 19.1614



38.5439, 45.0990, 6.6735



3.7722, 4.4297, 0.6562

Inverse Universe

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



55.1370, 52.4036, 101.8166



48.9968, 45.0466, 100.7202



63.1263, 55.5958, 102.0117



17.0636, 17.4987, 22.7282



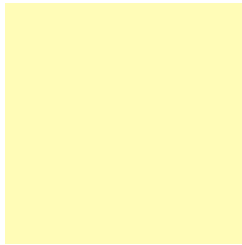
9.5178, 3.9452, 49.6944



0.9471, 0.4249, 4.8454

Previews

White Background



This preview shows how the XYZ color 84.5976, 94.2997, 58.5426 looks on a white background.

Color Contrast Check

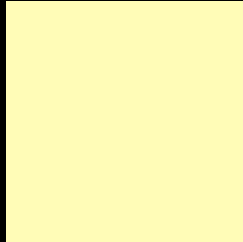
Large Text (above 18pt) WCAG AA × Fail

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 84.5976, 94.2997, 58.5426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

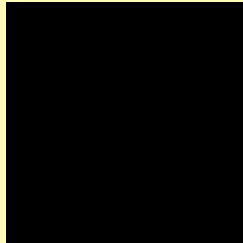
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5976, 94.2997, 58.5426

Background



This preview shows how black text looks on a background with the XYZ color 84.5976, 94.2997, 58.5426.

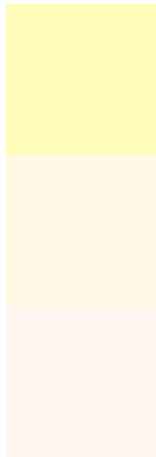


This preview shows how white text looks on a background with the XYZ color 84.5976, 94.2997,

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

84.5976, 94.2997, 58.5426

Protanopia

88.8110, 93.9962, 86.8610

Deuteranopia

90.3779, 94.1324, 96.6250



Tritanopia

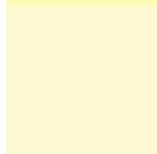
91.9254, 94.2634, 106.2782

Trichromacy



Original Color

84.5976, 94.2997, 58.5426



Protanomaly

86.9993, 93.7648, 75.8004



Deuteranomaly

88.0339, 94.1787, 81.2486



Tritanomaly

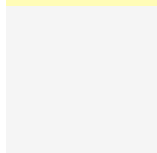
88.8110, 93.9962, 86.8610

Monochromacy



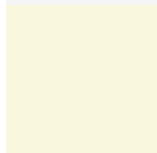
Original Color

84.5976, 94.2997, 58.5426



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.8191, 92.5485, 82.4477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5976, 94.2997, 58.5426 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, 252, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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, 252, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 183) }
```

Border

The CSS property to change the border of an element to XYZ 84.5976, 94.2997, 58.5426 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, 252, 183) }
```


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

```
.border{ border-color:rgb(255, 252, 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, 252, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5976, 94.2997, 58.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 183) }
```

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

```
.background{ background-color: rgb(255,  
252, 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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