

Converting Colors

XYZ(98.5018, 100.0000,
66.6456)

Have a look what the booklet for
XYZ(98.5018, 100.0000, 66.6456)
contains.

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Color

**XYZ(85.1937, 93.0426,
66.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9C5
RGB	255, 249, 197
RGB Percent	100%, 98%, 77%
CMY	0.0000, 0.0235, 0.2274
CMYK	0.00, 0.02, 0.23, 0.00
HSL	54°, 100%, 89%
HSV	54°, 23%, 100%
XYZ	85.1937, 93.0426, 66.2921
YIQ	244.8660, 20.2680, -14.9000

Conversions

Conversions Part 2

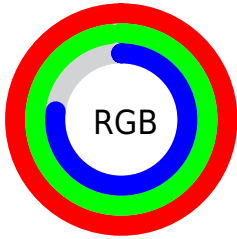
Format	Color
R_{YB}	204, 255, 197
Decimal	16775621
CIE _{Lab}	97.24, -6.04, 25.74
CIE _{LCh}	97, 26.437, 103.199
Yxy	93.0426, 0.3484, 0.3805
Android (android.graphics.Color)	4294965701 (0xFFFFF9C5)
YUV	244.8660, -23.5979, 8.8875
Hunter-Lab	96.4586, -11.1486, 26.7734

Details

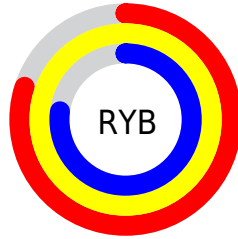
The XYZ color **85.1937, 93.0426, 66.2921** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.4314, 61.8004, 103.2459**, and the grayscale version is **86.8576, 91.3810, 99.5139**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **47.3166, 52.1289, 33.5546** is the 20% darker color. If you saturate the color by 10%, you get **81.7075, 90.3571, 51.9137**, and if you desaturate by 10%, it is **89.1902, 95.9568, 83.2813**.

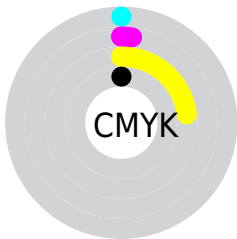
Distribution



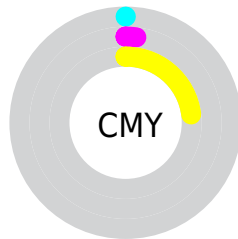
- Red (100%)
- Green (98%)
- Blue (77%)



- Red (80%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1937, 93.0426, 66.2921 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 85.1937, 93.0426, 66.2921 by changing the saturation by 10% instead.


 85.1937, 93.0426,
66.2921

 85.1937, 93.0426,
66.2921


500.7428,
537.8794, 465.8535

 64.3245, 70.5069,
48.0516


139.5564,
151.5576, 115.5365

 47.1762, 51.9399,
33.5075


173.7806,
188.3057, 147.3774

 33.3835, 36.9572,
22.2412

213.1871,
230.5600, 184.5889

 22.5810, 25.1743,
13.8342

258.1414,
278.7050, 227.5895

 14.4034, 16.2070,
7.8680

309.0088,
333.1251, 276.7977

 8.4854, 9.6707,
3.9240

366.1545,

 4.4615, 5.1812,

394.2045, 332.6321

1.5838

429.9441,
462.3279, 395.5112

■ 1.9664, 2.3540,
0.2792

■ 0.6150, 0.8021,
0.0000

■ 85.1937, 93.0426,
66.2921

■ 85.1937, 93.0426,
66.2921

■ 81.7075, 90.3571,
51.9137

■ 89.1902, 95.9568,
83.2813

■ 78.6998, 87.8781,
40.0092

■ 93.7133, 99.0969,
102.9970

■ 76.1459, 85.5987,
30.4383

95.0500, 100.0000,
108.9000

■ 74.0160, 83.5069,
23.0444

■ 72.2765, 81.5893,
17.6512

■ 70.8889, 79.8304,
14.0556

■ 69.8063, 78.2113,
12.0111

■ 69.1621, 77.1042,
11.2374

Harmonies

Analogous

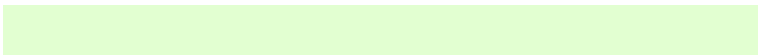
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6530, 93.0426, 66.7980



85.1937, 93.0426, 66.2921



78.9582, 93.0426, 74.1721

Triad

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



85.1937, 93.0426, 66.2921



78.3675, 93.0426, 132.1692



102.9155, 93.0426, 113.6743

Complementary

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



85.1937, 93.0426, 66.2921



62.4314, 61.8004, 103.2459

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.



98.6395, 93.0426, 134.3653



85.1937, 93.0426, 66.2921



84.3455, 93.0426, 146.0302

Square

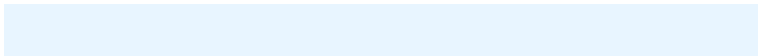
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1937, 93.0426, 66.2921



75.1694, 93.0426, 110.9973



91.7558, 93.0426, 146.8863



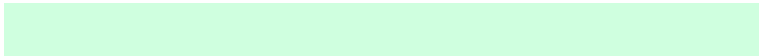
103.1744, 93.0426, 92.1988

Rectangle

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



85.1937, 93.0426, 66.2921



76.2187, 93.0426, 83.8620



91.7558, 93.0426, 146.8863



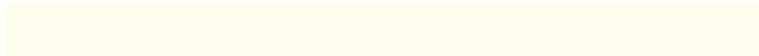
101.8898, 93.0426, 121.0188

Sweetspot

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



85.1960, 93.0467, 66.2941



91.7223, 97.7319, 94.2656



72.0780, 65.5420, 65.8332



19.5736, 20.8780, 19.9205



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

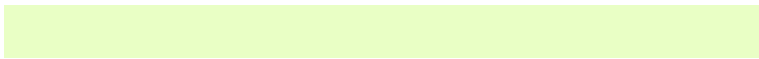
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1960, 93.0467, 66.2941



83.6509, 91.8757, 59.8629



79.3667, 92.8358, 66.5606



19.3914, 20.7510, 19.1276



36.2037, 40.4186, 5.8934



3.5693, 4.0239, 0.5886

Inverse Universe

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



62.4314, 61.8004, 103.2459



57.4648, 55.9351, 102.3756



67.3008, 62.2499, 103.0760



17.1540, 17.6797, 22.7584



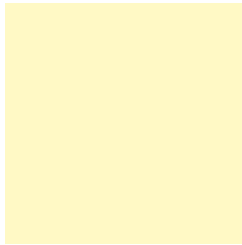
9.6775, 4.2646, 49.7477



0.9898, 0.5103, 4.8596

Previews

White Background



This preview shows how the XYZ color 85.1937, 93.0426, 66.2921 looks on a white background.

Color Contrast Check

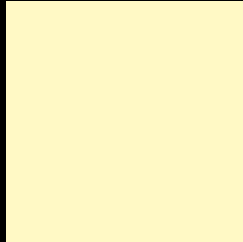
Large Text (above 18pt) WCAG AA × Fail

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 85.1937, 93.0426, 66.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

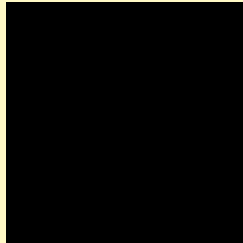
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1937, 93.0426, 66.2921

Background



This preview shows how black text looks on a background with the XYZ color 85.1937, 93.0426, 66.2921.

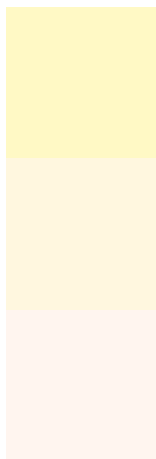


This preview shows how white text looks on a background with the XYZ color 85.1937, 93.0426,

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

85.1937, 93.0426, 66.2921

Protanopia

87.8200, 93.1092, 83.1553

Deuteranopia

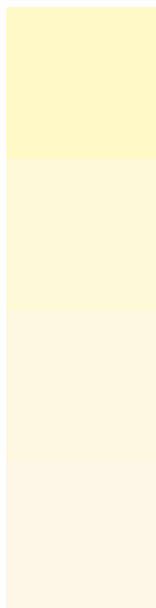
89.4724, 92.7968, 94.8572



Tritanopia

91.3203, 93.0532, 106.0765

Trichromacy



Original Color

85.1937, 93.0426, 66.2921

Protanomaly

86.9450, 93.2498, 77.0349

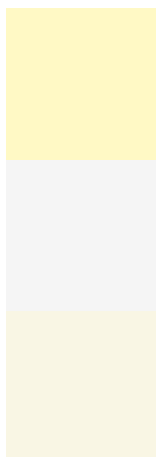
Deuteranomaly

87.6503, 92.5534, 83.7659

Tritanomaly

88.9037, 93.0547, 90.3664

Monochromacy



Original Color

85.1937, 93.0426, 66.2921

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.0263, 91.6527, 86.5555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1937, 93.0426, 66.2921 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 197) }
```

Border

The CSS property to change the border of an element to XYZ 85.1937, 93.0426, 66.2921 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, 197) }
```


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

```
.border{ border-color:rgb(255, 249, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1937, 93.0426, 66.2921 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
249, 197) }
```

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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