

Converting Colors

XYZ(85.4413, 93.5375, 66.3753)

Have a look what the booklet for
XYZ(85.4413, 93.5375, 66.3753)
contains.

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Color

**XYZ(85.5037, 93.6624,
66.3955)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFAC5 |
| RGB | 255, 250, 197 |
| RGB Percent | 100%, 98%, 77% |
| CMY | 0.0000, 0.0196, 0.2274 |
| CMYK | 0.00, 0.02, 0.23, 0.00 |
| HSL | 55°, 100%, 89% |
| HSV | 55°, 23%, 100% |
| XYZ | 85.5037, 93.6624, 66.3955 |
| YIQ | 245.4530, 19.9930, -15.4230 |

Conversions

Conversions Part 2

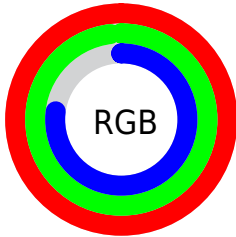
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 202, 255, 197 |
| Decimal | 16775877 |
| CIE _{Lab} | 97.50, -6.53, 26.08 |
| CIE _{LCh} | 97, 26.889, 104.063 |
| Yxy | 93.6624, 0.3482, 0.3814 |
| Android (android.graphics.Color) | 4294965957 (0xFFFFFAC5) |
| YUV | 245.4530, -23.8873, 8.3727 |
| Hunter-Lab | 96.7793, -11.6606, 27.0696 |

Details

The XYZ color **85.5037, 93.6624, 66.3955** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.1961, 61.3298, 103.1675**, and the grayscale version is **87.3330, 91.8811, 100.0585**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **47.5384, 52.5725, 33.6286** is the 20% darker color. If you saturate the color by 10%, you get **82.1479, 91.2379, 52.0606**, and if you desaturate by 10%, it is **89.3661, 96.3086, 83.3400**.

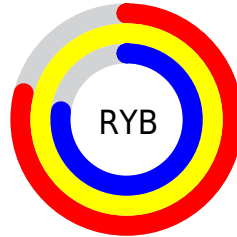
Distribution



Red (100%)

Green (98%)

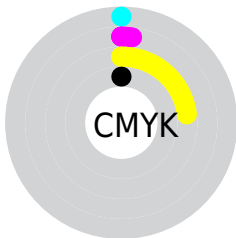
Blue (77%)



Red (79%)

Yellow (100%)

Blue (77%)

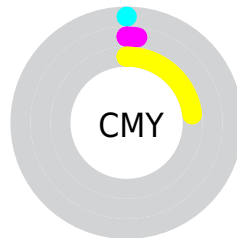


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5037, 93.6624, 66.3955 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 85.5037, 93.6624, 66.3955 by changing the saturation by 10% instead.


 85.5037, 93.6624,
66.3955

 85.5037, 93.6624,
66.3955


501.7519,
539.8739, 466.2328

 64.5815, 71.0222,
48.1350


139.9871,
152.4154, 115.6862

 47.3853, 52.3603,
33.5731


174.2791,
189.2969, 147.5535

 33.5496, 37.2924,
22.2911


213.7583,
231.6943, 184.7935

 22.7090, 25.4339,
13.8706

258.7903,
279.9921, 227.8247

 14.4983, 16.4006,
7.8930

309.7403,
334.5745, 277.0657

 8.5521, 9.8081,
3.9398

366.9736,

 4.5049, 5.2719,

395.8260, 332.9350

1.5924

430.8557,
464.1310, 395.8512

■ 1.9916, 2.4077,
0.2854

■ 0.6292, 0.8298,
0.0000

■ 85.5037, 93.6624,
66.3955

■ 85.5037, 93.6624,
66.3955

■ 82.1479, 91.2379,
52.0606

■ 89.3661, 96.3086,
83.3400

■ 79.2673, 89.0130,
40.1984

■ 93.7517, 99.1736,
103.0099

■ 76.8370, 86.9809,
30.6688

■ 95.0500, 100.0000,
108.9000

■ 74.8273, 85.1295,
23.3148

■ 73.2046, 83.4455,
17.9606

■ 71.9304, 81.9134,
14.4028

■ 70.9579, 80.5144,
12.3950

■ 70.3914, 79.5628,
11.6471

Harmonies

Analogous

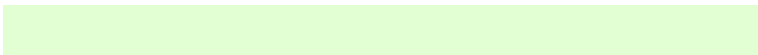
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1151, 93.6624, 66.6631



85.5037, 93.6624, 66.3955



79.1996, 93.6624, 74.6574

Triad

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



85.5037, 93.6624, 66.3955



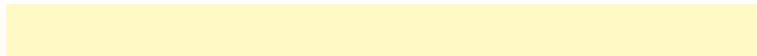
78.8860, 93.6624, 134.1033



103.8979, 93.6624, 113.9671

Complementary

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



85.5037, 93.6624, 66.3955



62.1961, 61.3298, 103.1675

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.



99.6275, 93.6624, 135.2734



85.5037, 93.6624, 66.3955



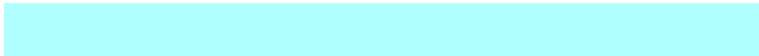
85.0531, 93.6624, 147.9848

Square

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



85.5037, 93.6624, 66.3955



75.5294, 93.6624, 112.5430



92.6382, 93.6624, 148.4413



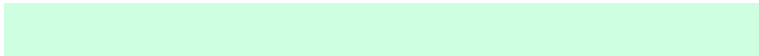
104.0357, 93.6624, 92.1040

Rectangle

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



85.5037, 93.6624, 66.3955



76.4640, 93.6624, 84.6774



92.6382, 93.6624, 148.4413



102.8876, 93.6624, 121.4978

Sweetspot

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



85.5059, 93.6664, 66.3975



91.8196, 97.9265, 94.2980



71.9627, 65.4959, 65.2254



19.5962, 20.9232, 19.9280



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

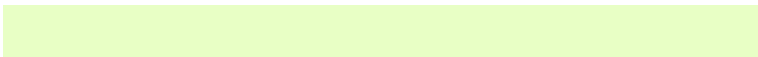
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5059, 93.6664, 66.3975



84.0168, 92.6074, 59.9849



79.0524, 92.6738, 66.5460



19.4196, 20.8074, 19.1370



36.8366, 41.6844, 6.1044



3.6244, 4.1341, 0.6069

Inverse Universe

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



62.1961, 61.3298, 103.1675



57.2030, 55.4115, 102.2883



67.5929, 62.4006, 103.0897



17.1287, 17.6290, 22.7499



9.6238, 4.1572, 49.7298



0.9779, 0.4865, 4.8556

Previews

White Background



This preview shows how the XYZ color 85.5037, 93.6624, 66.3955 looks on a white background.

Color Contrast Check

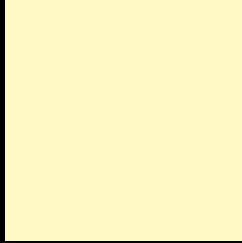
Large Text (above 18pt) WCAG AA × Fail

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 85.5037, 93.6624, 66.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

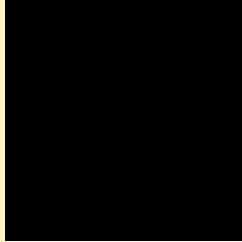
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5037, 93.6624, 66.3955

Background



This preview shows how black text looks on a background with the XYZ color 85.5037, 93.6624, 66.3955.

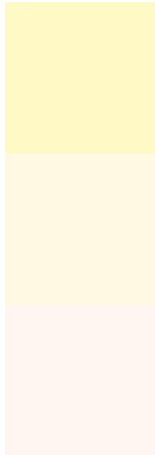


This preview shows how white text looks on a background with the XYZ color 85.5037, 93.6624,

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

85.5037, 93.6624, 66.3955

Protanopia

88.5349, 93.8858, 85.4070

Deuteranopia

90.0730, 93.5224, 96.5234



Tritanopia

91.7818, 93.7206, 107.0184

Trichromacy



Original Color

85.5037, 93.6624, 66.3955

Protanomaly

87.3814, 93.9177, 77.8124

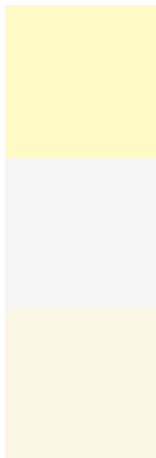
Deuteranomaly

88.0914, 93.2178, 84.5841

Tritanomaly

89.2087, 93.6647, 90.4681

Monochromacy



Original Color

85.5037, 93.6624, 66.3955

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.3313, 92.2627, 86.6571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5037, 93.6624, 66.3955 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, 250, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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, 250, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 197) }
```

Border

The CSS property to change the border of an element to XYZ 85.5037, 93.6624, 66.3955 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, 250, 197) }
```


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

```
.border{ border-color:rgb(255, 250, 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, 250, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5037, 93.6624, 66.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 197) }
```

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

```
.background{ background-color: rgb(255,  
250, 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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