

Converting Colors

XYZ(97.3037, 100.0000,
64.7779)

Have a look what the booklet for
XYZ(97.3037, 100.0000, 64.7779)
contains.

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Color

**XYZ(85.0512, 93.4815,
64.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAC1
RGB	255, 250, 193
RGB Percent	100%, 98%, 76%
CMY	0.0000, 0.0196, 0.2431
CMYK	0.00, 0.02, 0.24, 0.00
HSL	55°, 100%, 88%
HSV	55°, 24%, 100%
XYZ	85.0512, 93.4815, 64.0131
YIQ	244.9970, 21.2770, -16.6670

Conversions

Conversions Part 2

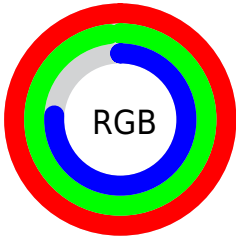
Format	Color
RYB	198, 255, 193
Decimal	16775873
CIELab	97.42, -7.07, 28.01
CIELCh	97, 28.890, 104.169
Yxy	93.4815, 0.3507, 0.3854
Android (android.graphics.Color)	4294965953 (0xFFFFFAC1)
YUV	244.9970, -25.6345, 8.7726
Hunter-Lab	96.6858, -12.1799, 28.4258

Details

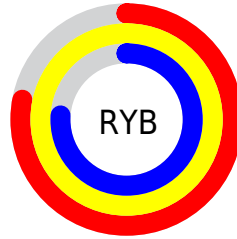
The XYZ color **85.0512, 93.4815, 64.0131** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.2359, 58.9439, 102.8103**, and the grayscale version is **86.9784, 91.5081, 99.6523**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **47.2407, 52.4534, 32.0608** is the 20% darker color. If you saturate the color by 10%, you get **81.8144, 91.1744, 50.0894**, and if you desaturate by 10%, it is **88.7901, 96.0070, 80.5262**.

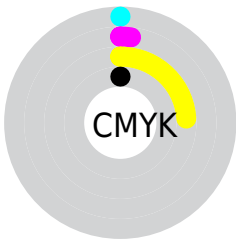
Distribution



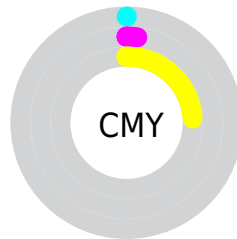
- Red (100%)
- Green (98%)
- Blue (76%)



- Red (78%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0512, 93.4815, 64.0131 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 85.0512, 93.4815, 64.0131 by changing the saturation by 10% instead.


 85.0512, 93.4815,
64.0131

 85.0512, 93.4815,
64.0131


500.2786,
539.2922, 457.4457

 64.2063, 70.8718,
46.2150


 139.3584,
152.1651, 112.2295

 47.0801, 52.2376,
32.0657


173.5514,
189.0077, 143.4848

 33.3072, 37.1945,
21.1464


212.9244,
231.3634, 180.0630

 22.5222, 25.3581,
13.0388


257.8430,
279.6166, 222.3826

 14.3599, 16.3440,
7.3242

308.6723,
334.1517, 270.8622

 8.4548, 9.7679,
3.5842

365.7778,

 4.4415, 5.2454,

395.3530, 325.9201

1.4001

429.5247,
463.6051, 387.9752

■ 1.9548, 2.3919,
0.1418

■ 0.6084, 0.8217,
0.0000

■ 85.0512, 93.4815,
64.0131

■ 85.0512, 93.4815,
64.0131

■ 81.8144, 91.1744,
50.0894

■ 88.7901, 96.0070,
80.5262

■ 79.0477, 89.0631,
38.6167

■ 93.0475, 98.7479,
99.7458

■ 76.7258, 87.1408,
29.4525

95.0500, 100.0000,
108.9000

■ 74.8185, 85.3954,
22.4376

■ 73.2916, 83.8132,
17.3923

■ 72.1055, 82.3782,
14.1079

■ 71.2117, 81.0710,
12.3286

■ 70.7945, 80.3689,
11.7815

Harmonies

Analogous

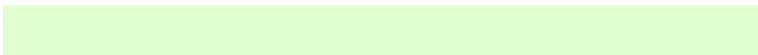
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2179, 93.4815, 64.2620



85.0512, 93.4815, 64.0131



78.3219, 93.4815, 72.7359

Triad

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



85.0512, 93.4815, 64.0131



78.0253, 93.4815, 136.5640



104.8831, 93.4815, 114.5942

Complementary

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



85.0512, 93.4815, 64.0131



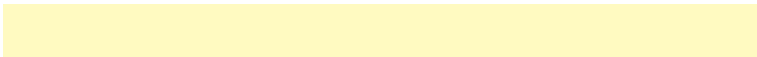
60.2359, 58.9439, 102.8103

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.



100.2846, 93.4815, 137.6925



85.0512, 93.4815, 64.0131



84.6233, 93.4815, 151.6454

Square

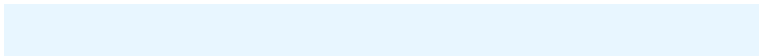
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0512, 93.4815, 64.0131



74.4376, 93.4815, 113.2319



92.7631, 93.4815, 152.0876



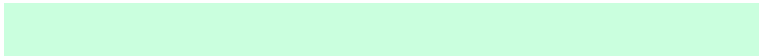
105.0152, 93.4815, 91.1376

Rectangle

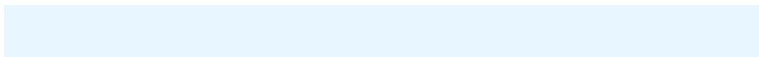
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0512, 93.4815, 64.0131



75.4146, 93.4815, 83.3681



92.7631, 93.4815, 152.0876



103.7963, 93.4815, 122.7332

Sweetspot

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



85.0535, 93.4856, 64.0151



91.8511, 97.9893, 94.3085



70.5230, 63.4859, 62.0652



19.6035, 20.9378, 19.9304



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

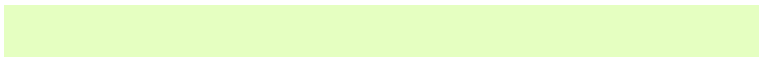
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0535, 93.4856, 64.0151



83.4749, 92.3768, 57.1739



77.7525, 92.0559, 64.1239



19.4287, 20.8256, 19.1401



37.0440, 42.0992, 6.1735



3.6424, 4.1702, 0.6129

Inverse Universe

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



60.2359, 58.9439, 102.8103



54.8894, 52.5930, 101.8662



66.2841, 60.3953, 102.7717



17.1205, 17.6127, 22.7472



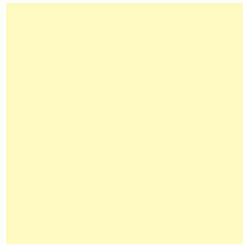
9.6081, 4.1258, 49.7245



0.9740, 0.4788, 4.8543

Previews

White Background



This preview shows how the XYZ color 85.0512, 93.4815, 64.0131 looks on a white background.

Color Contrast Check

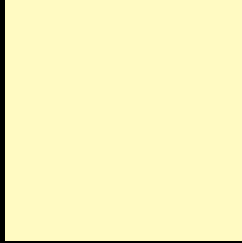
Large Text (above 18pt) WCAG AA × Fail

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 85.0512, 93.4815, 64.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

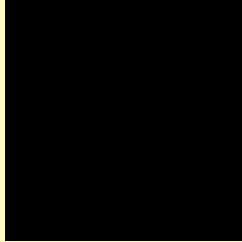
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0512, 93.4815, 64.0131

Background



This preview shows how black text looks on a background with the XYZ color 85.0512, 93.4815, 64.0131.

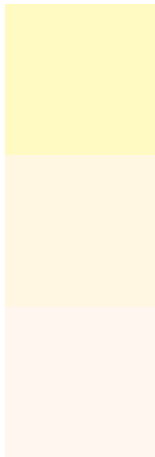


This preview shows how white text looks on a background with the XYZ color 85.0512, 93.4815,

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

85.0512, 93.4815, 64.0131

Protanopia

88.0914, 93.2178, 84.5841

Deuteranopia

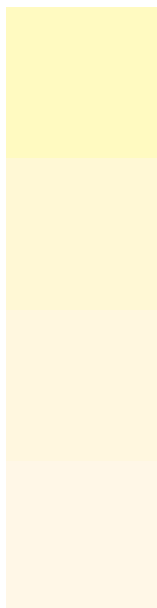
89.9239, 93.4628, 95.7387



Tritanopia

91.6220, 93.6567, 106.1771

Trichromacy



Original Color

85.0512, 93.4815, 64.0131

Protanomaly

86.8176, 93.1989, 76.3642

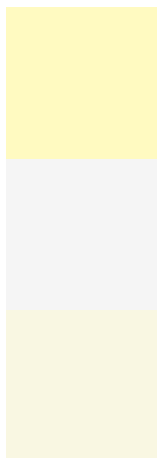
Deuteranomaly

87.8200, 93.1092, 83.1553

Tritanomaly

88.9246, 93.5511, 88.9716

Monochromacy



Original Color

85.0512, 93.4815, 64.0131

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.0552, 92.1523, 85.2031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0512, 93.4815, 64.0131 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 193) }
```

Border

The CSS property to change the border of an element to XYZ 85.0512, 93.4815, 64.0131 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, 193) }
```


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

```
.border{ border-color:rgb(255, 250, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0512, 93.4815, 64.0131 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
250, 193) }
```

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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