

Converting Colors

XYZ(106.7115, 100.0000,
66.8328)

Have a look what the booklet for
XYZ(106.7115, 100.0000, 66.8328)
contains.

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Color

**XYZ(82.5931, 87.6574,
65.9925)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFF0C6 |
| RGB | 255, 240, 198 |
| RGB Percent | 100%, 94%, 78% |
| CMY | 0.0000, 0.0588, 0.2235 |
| CMYK | 0.00, 0.06, 0.22, 0.00 |
| HSL | 44°, 100%, 89% |
| HSV | 44°, 22%, 100% |
| XYZ | 82.5931, 87.6574, 65.9925 |
| YIQ | 239.6970, 22.4220, -9.8820 |

Conversions

Conversions Part 2

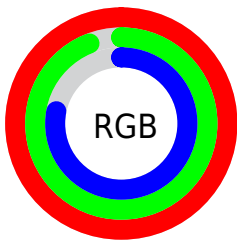
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 218, 255, 198 |
| Decimal | 16773318 |
| CIE Lab | 95.02, -1.39, 22.15 |
| CIE LCh | 95, 22.196, 93.584 |
| Yxy | 87.6574, 0.3496, 0.3710 |
| Android (android.graphics.Color) | 4294963398 (0xFFFFF0C6) |
| YUV | 239.6970, -20.5566, 13.4207 |
| Hunter-Lab | 93.6255, -6.3784, 23.7470 |

Details

The XYZ color **82.5931, 87.6574, 65.9925** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.1323, 66.8123, 104.0710**, and the grayscale version is **82.7327, 87.0412, 94.7879**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4632, 48.3004, 33.3123** is the 20% darker color. If you saturate the color by 10%, you get **77.9582, 82.7049, 51.1378**, and if you desaturate by 10%, it is **87.8005, 92.9617, 83.4832**.

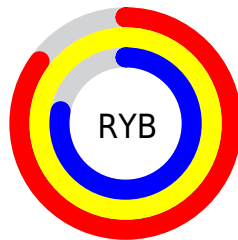
Distribution



Red (100%)

Green (94%)

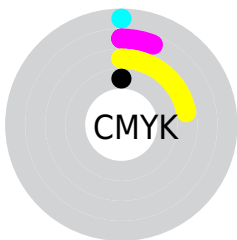
Blue (78%)



Red (85%)

Yellow (100%)

Blue (78%)

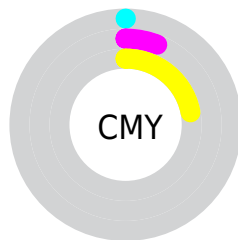


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5931, 87.6574, 65.9925 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 82.5931, 87.6574, 65.9925 by changing the saturation by 10% instead.


 82.5931, 87.6574,
65.9925

 82.5931, 87.6574,
65.9925

492.2339,
520.3806, 464.7535

 62.1703, 66.0394,
47.8099


135.9369,
144.0801, 115.1025

 45.4264, 48.3044,
33.3174


169.5886,
179.6535, 146.8669

 31.9962, 34.0680,
22.0966


208.3807,
220.6476, 183.9957

 21.5141, 22.9458,
13.7289

252.6785,
267.4466, 226.9073

 13.6149, 14.5535,
7.7958

302.8474,
320.4351, 276.0204

 7.9332, 8.5066,
3.8787

359.2526,

 4.1037, 4.4208,

379.9973, 331.7534

1.5590

422.2597,
446.5177, 394.5250

■ 1.7610, 1.9116,
0.2613

■ 0.4940, 0.5554,
0.0000

■ 82.5931, 87.6574,
65.9925

■ 82.5931, 87.6574,
65.9925

■ 77.9582, 82.7049,
51.1378

■ 87.8005, 92.9617,
83.4832

■ 73.8639, 78.0811,
38.7827

■ 93.5979, 98.6171,
103.7260

■ 70.2845, 73.7777,
28.7871

95.0500, 100.0000,
108.9000

■ 67.1897, 69.7811,
20.9946

■ 64.5453, 66.0763,
15.2299

■ 62.3122, 62.6465,
11.2906

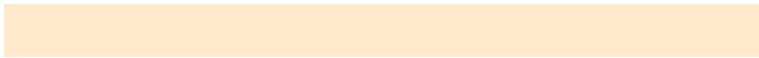
■ 60.4432, 59.4713,
8.9322

■ 59.2064, 57.1927,
7.9188

Harmonies

Analogous

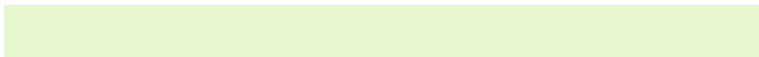
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5808, 87.6574, 68.6885



82.5931, 87.6574, 65.9925



77.0657, 87.6574, 70.3689

Triad

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



82.5931, 87.6574, 65.9925



74.0256, 87.6574, 115.0143



94.1363, 87.6574, 110.9912

Complementary

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



82.5931, 87.6574, 65.9925



65.1323, 66.8123, 104.0710

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.



89.8949, 87.6574, 125.8637



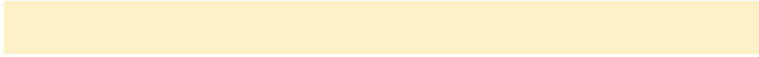
82.5931, 87.6574, 65.9925



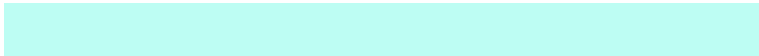
78.2635, 87.6574, 128.3762

Square

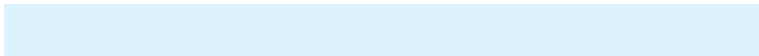
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5931, 87.6574, 65.9925



72.2720, 87.6574, 97.5347



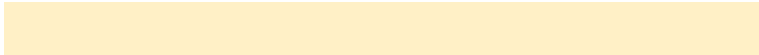
84.0426, 87.6574, 132.5662



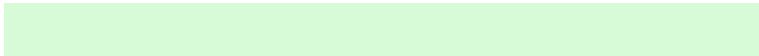
95.4308, 87.6574, 93.3834

Rectangle

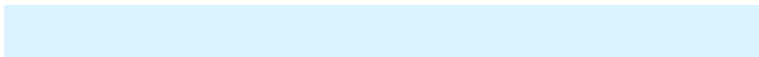
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5931, 87.6574, 65.9925



74.3298, 87.6574, 77.0585



84.0426, 87.6574, 132.5662



92.9982, 87.6574, 116.5434

Sweetspot

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



82.5952, 87.6613, 65.9943



90.8283, 95.9438, 93.9676



73.4704, 66.4634, 72.0413



19.3661, 20.4628, 19.8513



0.0000, 0.0000, 0.0000



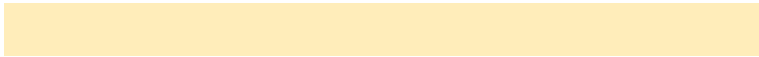
20.3446, 21.4041, 23.3091

Same Dimension

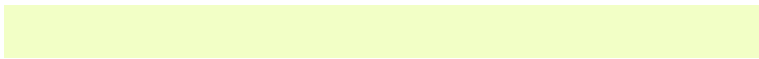
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5952, 87.6613, 65.9943



80.3709, 85.3155, 58.7696



82.4685, 94.4216, 67.3059



19.1332, 20.2345, 19.0416



31.0649, 30.1411, 4.1805



3.1139, 3.1131, 0.4368

Inverse Universe

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



65.1323, 66.8123, 104.0710



59.9912, 60.9880, 103.2177



65.1950, 61.5025, 103.0428



17.3915, 18.1547, 22.8375



10.5854, 6.0803, 50.0503



1.1152, 0.7611, 4.9014

Previews

White Background



This preview shows how the XYZ color 82.5931, 87.6574, 65.9925 looks on a white background.

Color Contrast Check

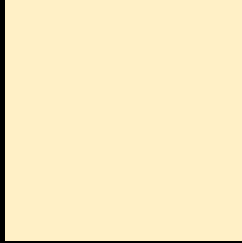
Large Text (above 18pt) WCAG AA × Fail

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 82.5931, 87.6574, 65.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

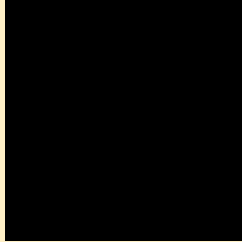
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5931, 87.6574, 65.9925

Background



This preview shows how black text looks on a background with the XYZ color 82.5931, 87.6574, 65.9925.



This preview shows how white text looks on a background with the XYZ color 82.5931, 87.6574,

65.9925.

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

82.5931, 87.6574, 65.9925

Protanopia

82.5931, 87.6574, 65.9925

Deuteranopia

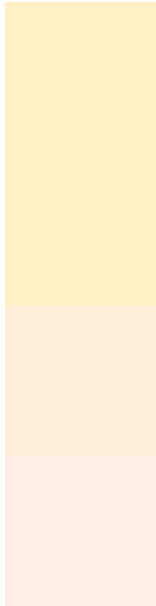
85.3893, 87.3744, 85.0375



Tritanopia

87.8916, 87.4540, 101.0549

Trichromacy



Original Color

82.5931, 87.6574, 65.9925

Protanomaly

82.5931, 87.6574, 65.9925

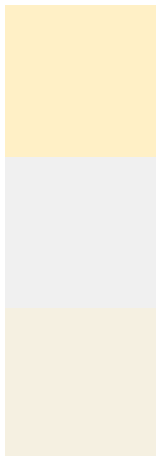
Deuteranomaly

84.2092, 87.3669, 77.3910

Tritanomaly

85.8071, 87.5415, 87.2376

Monochromacy



Original Color

82.5931, 87.6574, 65.9925

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.4069, 87.1689, 83.7161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5931, 87.6574, 65.9925 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, 240, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 198)  
}
```

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, 240, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 198) }
```

Border

The CSS property to change the border of an element to XYZ 82.5931, 87.6574, 65.9925 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, 240, 198) }
```


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

```
.border{ border-color:rgb(255, 240, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 240, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5931, 87.6574, 65.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 198) }
```

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

```
.background{ background-color: rgb(255,  
240, 198) }
```

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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