

Converting Colors

XYZ(79.9397, 91.1072, 57.0585)

Have a look what the booklet for
XYZ(79.9397, 91.1072, 57.0585)
contains.

| | |
|--|----|
| XYZ(79.8343, 90.9405, 57.0616) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(79.8343, 90.9405,
57.0616)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F4FAB5 |
| RGB | 244, 250, 181 |
| RGB Percent | 96%, 98%, 71% |
| CMY | 0.0431, 0.0196, 0.2902 |
| CMYK | 0.02, 0.00, 0.28, 0.02 |
| HSL | 65°, 87%, 85% |
| HSV | 65°, 28%, 98% |
| XYZ | 79.8343, 90.9405, 57.0616 |
| YIQ | 240.3400, 18.5730, -22.7310 |

Conversions

Conversions Part 2

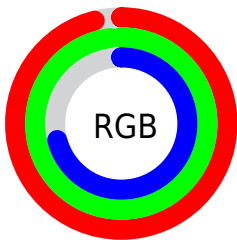
| Format | Color |
|-------------------------------------|---|
| RYB | 181, 250, 187 |
| Decimal | 16054965 |
| CIELab | 96.39, -12.66, 32.52 |
| CIELCh | 96, 34.899, 111.272 |
| Yxy | 90.9405, 0.3504, 0.3991 |
| Android (android.graphics.Color) | 4294245045 (0xFFFF4FAB5) |
| YUV | 240.3400, -29.2546, 3.2098 |
| Hunter-Lab | 95.3627, -17.4509, 31.2769 |

Details

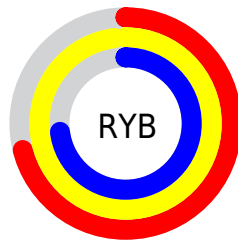
The XYZ color **79.8343, 90.9405, 57.0616** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.2762, 50.5171, 97.3377**, and the grayscale version is **83.3048, 87.6431, 95.4433**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **43.6816, 50.7069, 27.9072** is the 20% darker color. If you saturate the color by 10%, you get **76.7461, 89.6216, 44.7070**, and if you desaturate by 10%, it is **83.3964, 92.4562, 71.8448**.

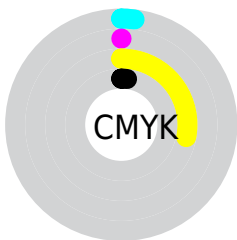
Distribution



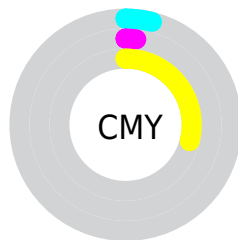
- Red (96%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (98%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8343, 90.9405, 57.0616 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 79.8343, 90.9405, 57.0616 by changing the saturation by 10% instead.


 79.8343, 90.9405,
57.0616

 79.8343, 90.9405,
57.0616


483.1193,
531.0855, 431.1803

 59.8900, 68.7610,
40.6450


 132.0845,
148.6441, 102.0563

 43.5791, 50.5171,
27.7242


165.1211,
184.9369, 131.4715

 30.5362, 35.8244,
17.8806

203.2525,
226.7030, 166.0566

 20.3961, 24.2986,
10.6958


246.8441,
274.3267, 206.2302

 12.7932, 15.5553,
5.7511

296.2612,
328.1924, 252.4108

 7.3623, 9.2100,
2.6280


351.8692,


 3.7380, 4.8784,


388.6845, 305.0170


0.9068


414.0335,
456.1874, 364.4673


 1.5550, 2.1761,
0.0000


 0.3628, 0.7069,
0.0000


 79.8343, 90.9405,
57.0616


 79.8343, 90.9405,
57.0616


 76.7461, 89.6216,
44.7070


 83.3964, 92.4562,
71.8448


 74.1003, 88.4776,
34.6455

 87.4483, 94.1658,
89.1707

 71.8721, 87.5017,
26.7372

 91.8515, 96.0169,
108.2998

 70.0316, 86.6818,
20.8248

 92.6380, 96.4223,
108.3366

■ 68.5449, 86.0045,
16.7291

■ 93.4335, 96.8324,
108.3738

■ 67.3719, 85.4537,
14.2396

■ 93.4776, 96.8551,
108.3759

■ 66.4596, 85.0082,
13.0777

■ 66.2606, 84.9094,
12.8968

Harmonies

Analogous

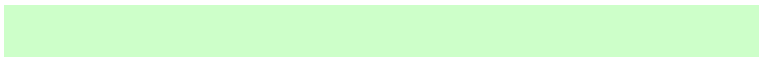
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3021, 90.9405, 54.9919



79.8343, 90.9405, 57.0616



72.6662, 90.9405, 69.1766

Triad

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



79.8343, 90.9405, 57.0616



75.2676, 90.9405, 146.8961



106.2473, 90.9405, 107.3612

Complementary

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



79.8343, 90.9405, 57.0616



54.2762, 50.5171, 97.3377

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.



101.8444, 90.9405, 136.4041



79.8343, 90.9405, 57.0616



83.6323, 90.9405, 161.8740

Square

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



79.8343, 90.9405, 57.0616



70.1702, 90.9405, 119.7250



93.3924, 90.9405, 157.7114



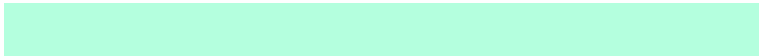
105.0396, 90.9405, 80.8491

Rectangle

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



79.8343, 90.9405, 57.0616



69.9237, 90.9405, 82.8148



93.3924, 90.9405, 157.7114



105.3630, 90.9405, 117.2094

Sweetspot

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



79.8366, 90.9446, 57.0635



91.2874, 98.4199, 92.4802



65.4852, 59.0972, 51.6728



19.3961, 21.0056, 19.1765



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

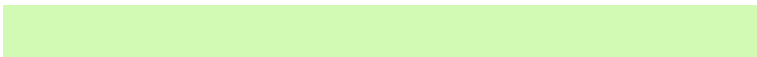
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8366, 90.9446, 57.0635



81.6929, 94.3518, 52.3592



69.0366, 85.3770, 56.5581



18.5696, 20.1094, 18.3652



35.2070, 45.0682, 6.8434



3.3033, 4.1960, 0.6358

Inverse Universe

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



54.2762, 50.5171, 97.3377



50.9847, 45.7748, 100.7560



63.6770, 55.3634, 97.7777



16.4230, 16.7152, 21.7461



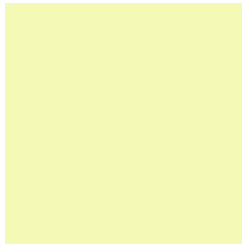
9.3738, 3.7750, 48.2082



0.9144, 0.3735, 4.4671

Previews

White Background



This preview shows how the XYZ color 79.8343, 90.9405, 57.0616 looks on a white background.

Color Contrast Check

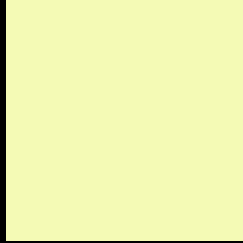
Large Text (above 18pt) WCAG AA × Fail

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 79.8343, 90.9405, 57.0616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

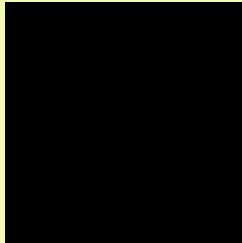
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8343, 90.9405, 57.0616

Background



This preview shows how black text looks on a background with the XYZ color 79.8343, 90.9405, 57.0616.



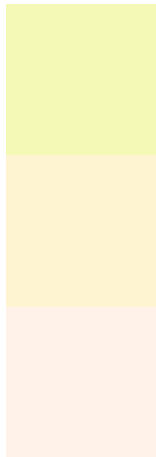
This preview shows how white text looks on a background with the XYZ color 79.8343, 90.9405,

57.0616.

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

79.8343, 90.9405, 57.0616

Protanopia

85.2235, 90.6145, 73.9714

Deuteranopia

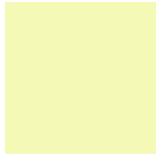
87.7001, 90.6475, 89.9652



Tritanopia

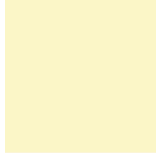
89.2890, 90.6398, 107.3969

Trichromacy



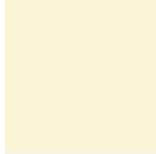
Original Color

79.8343, 90.9405, 57.0616



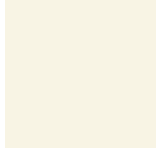
Protanomaly

83.0482, 90.5443, 67.1325



Deuteranomaly

84.5737, 90.6691, 76.6617



Tritanomaly

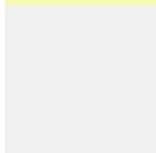
85.0657, 90.2593, 86.3371

Monochromacy



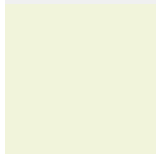
Original Color

79.8343, 90.9405, 57.0616



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

81.4125, 88.5166, 79.8124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8343, 90.9405, 57.0616 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(244, 250, 181)` looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 181)  
}
```

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(244, 250, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 181) }
```

Border

The CSS property to change the border of an element to XYZ 79.8343, 90.9405, 57.0616 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(244, 250, 181) }
```


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

```
.border{ border-color:rgb(244, 250, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 250, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 181);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8343, 90.9405, 57.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 181) }
```

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

```
.background{ background-color: rgb(244,  
250, 181) }
```

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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