

Converting Colors

XYZ(78.2842, 88.9622, 55.2150)

Have a look what the booklet for
XYZ(78.2842, 88.9622, 55.2150)
contains.

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Color

**XYZ(78.2588, 88.7906,
55.1331)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F3F7B2 |
| RGB | 243, 247, 178 |
| RGB Percent | 95%, 97%, 70% |
| CMY | 0.0471, 0.0313, 0.3020 |
| CMYK | 0.02, 0.00, 0.28, 0.03 |
| HSL | 63°, 81%, 83% |
| HSV | 63°, 28%, 97% |
| XYZ | 78.2588, 88.7906, 55.1331 |
| YIQ | 237.9380, 19.7650, -22.3070 |

Conversions

Conversions Part 2

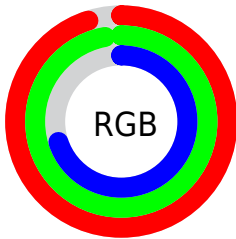
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 178, 247, 182 |
| Decimal | 15988658 |
| CIE _{Lab} | 95.49, -11.94, 32.82 |
| CIE _{LCh} | 95, 34.923, 109.988 |
| Yxy | 88.7906, 0.3522, 0.3996 |
| Android (android.graphics.Color) | 4294178738 (0xFFFF3F7B2) |
| YUV | 237.9380, -29.5494, 4.4394 |
| Hunter-Lab | 94.2288, -16.6527, 31.2697 |

Details

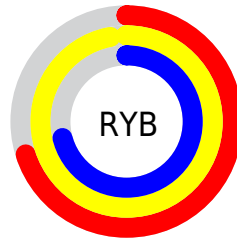
The XYZ color **78.2588, 88.7906, 55.1331** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.0037, 48.5036, 94.6220**, and the grayscale version is **81.4328, 85.6737, 93.2986**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **42.5822, 49.1814, 26.6507** is the 20% darker color. If you saturate the color by 10%, you get **75.5067, 87.6359, 43.2036**, and if you desaturate by 10%, it is **81.4659, 90.1339, 69.4184**.

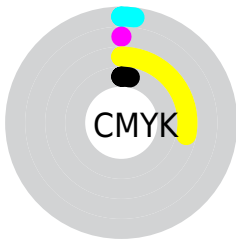
Distribution



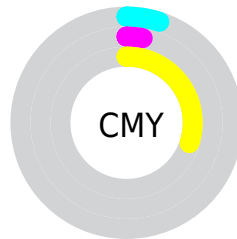
- Red (95%)
- Green (97%)
- Blue (70%)



- Red (70%)
- Yellow (97%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2588, 88.7906, 55.1331 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 78.2588, 88.7906, 55.1331 by changing the saturation by 10% instead.

78.2588, 88.7906,
55.1331

78.2588, 88.7906,
55.1331

477.8717,
524.0888, 423.7124

58.5901, 66.9780,
39.1090

129.8783,
145.6573, 99.2090

42.5284, 49.0668,
26.5360

162.5599,
181.4803, 128.0979

29.7081, 34.6724,
16.9957

200.3098,
222.7421, 162.1122

19.7641, 23.4107,
10.0695

243.4933,
269.8273, 201.6703

12.3310, 14.8970,
5.3389

292.4760,
323.1201, 247.1909

7.0433, 8.7472,
2.3852


347.6230,


3.5358, 4.5766,


383.0051, 299.0924


0.7784

409.2998,
449.8665, 357.7934


 1.4430, 2.0011,
0.0000


 0.2866, 0.6081,
0.0000


 78.2588, 88.7906,
55.1331

 78.2588, 88.7906,
55.1331


 75.5067, 87.6359,
43.2036


 81.4659, 90.1339,
69.4184

 73.1788, 86.6482,
33.4980


 85.1435, 91.6628,
86.1706


 71.2512, 85.8211,
25.8800


 89.3144, 93.3894,
105.5007


 69.6947, 85.1429,
20.1962


 90.2857, 93.8367,
107.9615

 68.4761, 84.6003,
16.2722


 90.7981, 94.1008,
107.9854


 67.5565, 84.1777,
13.9022


 91.3144, 94.3670,
108.0096

 66.8826, 83.8539,
12.8067

 91.8346, 94.6352,
108.0340

 66.7582, 83.7929,
12.6551

 92.3588, 94.9054,
108.0585

 92.5527, 95.0054,
108.0676

Harmonies

Analogous

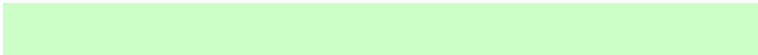
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6321, 88.7906, 53.5184



78.2588, 88.7906, 55.1331



71.0711, 88.7906, 66.6028

Triad

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



78.2588, 88.7906, 55.1331



73.1076, 88.7906, 142.9108



103.8386, 88.7906, 106.1312

Complementary

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



78.2588, 88.7906, 55.1331



52.0037, 48.5036, 94.6220

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.



99.2831, 88.7906, 134.6675



78.2588, 88.7906, 55.1331



81.2343, 88.7906, 158.4042

Square

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



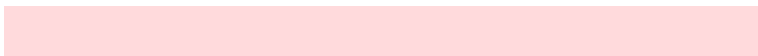
78.2588, 88.7906, 55.1331



68.2565, 88.7906, 115.8305



90.8392, 88.7906, 155.1312



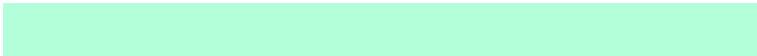
102.8907, 88.7906, 79.7622

Rectangle

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



78.2588, 88.7906, 55.1331



68.2588, 88.7906, 79.7435



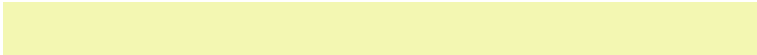
90.8392, 88.7906, 155.1312



102.8876, 88.7906, 115.8545

Sweetspot

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



78.2611, 88.7946, 55.1350



91.5033, 98.5311, 92.4903



63.0122, 56.2218, 49.6515



19.4509, 21.0339, 19.1791



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

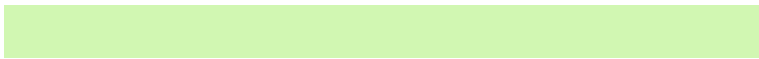
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2611, 88.7946, 55.1350



82.2683, 94.6762, 51.1308



67.6086, 83.3030, 54.6365



17.8141, 19.2617, 17.5765



35.3468, 44.3348, 6.6945



3.1350, 3.9112, 0.5897

Inverse Universe

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



52.0037, 48.5036, 94.6220



49.4155, 44.2585, 100.5460



61.0158, 53.1495, 95.0438



15.6702, 15.9726, 20.7997



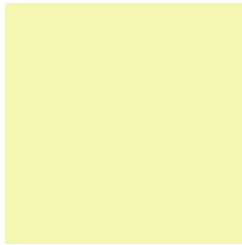
9.0144, 3.6214, 46.7619



0.8230, 0.3341, 4.1114

Previews

White Background



This preview shows how the XYZ color 78.2588, 88.7906, 55.1331 looks on a white background.

Color Contrast Check

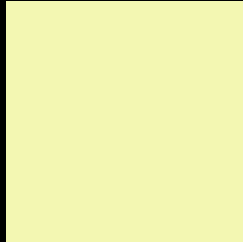
Large Text (above 18pt) WCAG AA × Fail

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 78.2588, 88.7906, 55.1331 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 78.2588, 88.7906, 55.1331

Background



This preview shows how black text looks on a background with the XYZ color 78.2588, 88.7906, 55.1331.

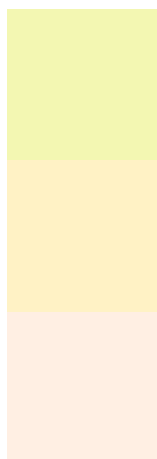


This preview shows how white text looks on a background with the XYZ color 78.2588, 88.7906,

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

78.2588, 88.7906, 55.1331

Protanopia

83.0702, 88.7955, 65.5843

Deuteranopia

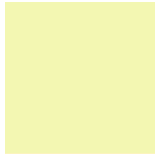
85.9716, 88.5391, 85.2316



Tritanopia

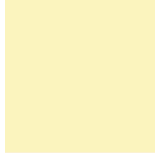
88.4791, 88.4838, 107.0235

Trichromacy



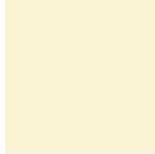
Original Color

78.2588, 88.7906, 55.1331



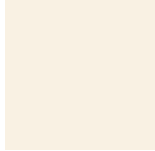
Protanomaly

81.4286, 88.9283, 61.5883



Deuteranomaly

83.0444, 88.6169, 73.0495



Tritanomaly

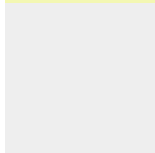
84.3873, 88.5964, 85.3262

Monochromacy



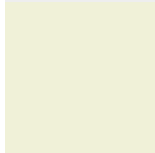
Original Color

78.2588, 88.7906, 55.1331



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.7851, 86.3937, 77.4363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2588, 88.7906, 55.1331 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(243, 247, 178)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 178)  
}
```

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(243, 247, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 178) }
```

Border

The CSS property to change the border of an element to XYZ 78.2588, 88.7906, 55.1331 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(243, 247, 178) }
```


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

```
.border{ border-color:rgb(243, 247, 178) }
```

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

Here you see how a box with a 4 pixel rgb(243, 247, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 178);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2588, 88.7906, 55.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 178) }
```

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

```
.background{ background-color: rgb(243,  
247, 178) }
```

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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