

Converting Colors

XYZ(78.4484, 88.4586, 54.0138)

Have a look what the booklet for
XYZ(78.4484, 88.4586, 54.0138)
contains.

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Color

**XYZ(78.4484, 88.4586,
54.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F6B0
RGB	245, 246, 176
RGB Percent	96%, 96%, 69%
CMY	0.0392, 0.0353, 0.3098
CMYK	0.00, 0.00, 0.28, 0.04
HSL	61°, 80%, 83%
HSV	61°, 28%, 96%
XYZ	78.4484, 88.4586, 54.0138
YIQ	237.7210, 21.8740, -21.9820

Conversions

Conversions Part 2

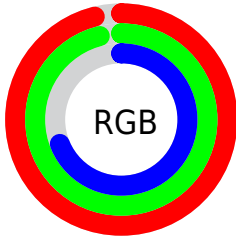
Format	Color
RYB	176, 246, 177
Decimal	16119472
CIELab	95.35, -10.96, 33.67
CIELCh	95, 35.405, 108.032
Yxy	88.4586, 0.3551, 0.4004
Android (android.graphics.Color)	4294309552 (0xFFFF5F6B0)
YUV	237.7210, -30.4285, 6.3837
Hunter-Lab	94.0524, -15.7063, 31.7868

Details

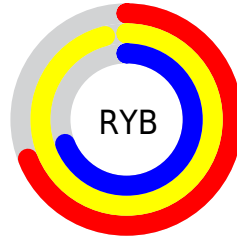
The XYZ color **78.4484, 88.4586, 54.0138** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **50.2947, 47.0539, 93.6254**, and the grayscale version is **81.2702, 85.5026, 93.1123**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **42.7276, 48.9483, 25.9349** is the 20% darker color. If you saturate the color by 10%, you get **76.1093, 87.5118, 42.3295**, and if you desaturate by 10%, it is **81.2334, 89.5899, 68.0249**.

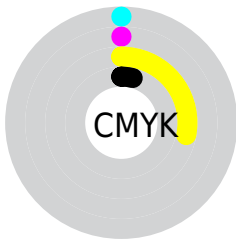
Distribution



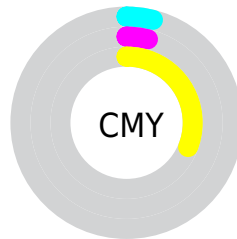
- Red (96%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4484, 88.4586, 54.0138 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 78.4484, 88.4586, 54.0138 by changing the saturation by 10% instead.


 78.4484, 88.4586,
54.0138

 78.4484, 88.4586,
54.0138

478.5049,
523.0039, 419.3387

 58.7465, 66.7029,
38.2194


 130.1441,
145.1955, 97.5511

 42.6546, 48.8432,
25.8499


162.8685,
180.9454, 126.1312

 29.8076, 34.4952,
16.4866


200.6645,
222.1290, 159.8102

 19.8399, 23.2742,
9.7111

243.8973,
269.1305, 199.0067

 12.3863, 14.7961,
5.1047

292.9324,
322.3343, 244.1393

 7.0814, 8.6764,
2.2490

348.1352,

 3.5599, 4.5307,

382.1249, 295.6264

0.7025

409.8709,
448.8866, 353.8868

■ 1.4563, 1.9747,
0.0000

■ 0.2958, 0.5927,
0.0000

■ 78.4484, 88.4586,
54.0138

■ 78.4484, 88.4586,
54.0138

■ 76.1093, 87.5118,
42.3295

■ 81.2334, 89.5899,
68.0249

■ 74.1855, 86.7281,
32.8409


■ 84.4795, 90.9027,
84.4733


■ 72.6532, 86.1009,
25.4125


■ 88.2097, 92.4091,
103.4691


■ 71.4832, 85.6188,
19.8912


■ 89.1593, 92.8032,
107.8214

 70.6427, 85.2685,
16.1032


 89.2837, 92.8674,
107.8272


 70.0924, 85.0343,
13.8428

 89.4084, 92.9316,
107.8330

 69.7770, 84.8940,
12.8176

 89.5333, 92.9960,
107.8389

 69.7374, 84.8760,
12.7072

 89.6584, 93.0605,
107.8447

 89.7838, 93.1252,
107.8506

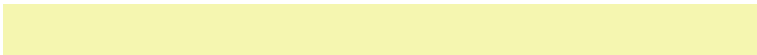
Harmonies

Analogous

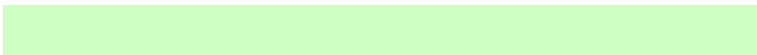
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9947, 88.4586, 53.0277



78.4484, 88.4586, 54.0138



70.9884, 88.4586, 64.8973

Triad

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



78.4484, 88.4586, 54.0138



72.2390, 88.4586, 141.6154



103.6235, 88.4586, 107.7938

Complementary

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



78.4484, 88.4586, 54.0138



50.2947, 47.0539, 93.6254

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.



98.6835, 88.4586, 136.5238



78.4484, 88.4586, 54.0138



80.2778, 88.4586, 158.4127

Square

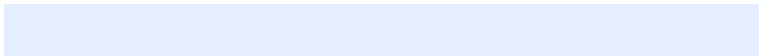
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4484, 88.4586, 54.0138



67.5973, 88.4586, 113.7702



89.9691, 88.4586, 156.3885



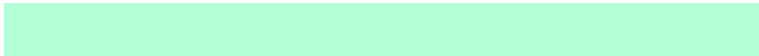
103.0390, 88.4586, 80.7457

Rectangle

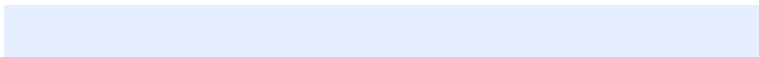
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4484, 88.4586, 54.0138



67.9759, 88.4586, 77.7265



89.9691, 88.4586, 156.3885



102.5393, 88.4586, 117.6565

Sweetspot

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



78.4506, 88.4626, 54.0157



91.4513, 98.5465, 90.5826



61.3707, 53.7802, 48.2215



19.4585, 21.0462, 18.8001



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

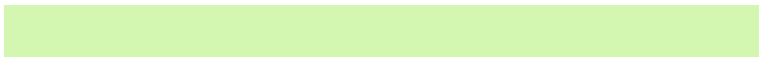
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4506, 88.4626, 54.0157



83.6389, 95.3828, 51.1950



67.6596, 82.8996, 53.5107



17.8898, 19.3007, 17.5801



37.2321, 45.3066, 6.7827



3.2798, 3.9858, 0.5965

Inverse Universe

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



50.2947, 47.0539, 93.6254



48.5877, 43.8317, 100.5073



59.0265, 51.5553, 94.0340



15.6032, 15.9381, 20.7965



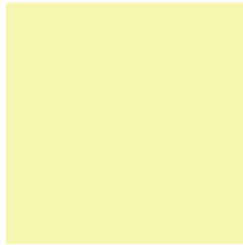
8.9124, 3.5688, 46.7571



0.7909, 0.3176, 4.1099

Previews

White Background



This preview shows how the XYZ color 78.4484, 88.4586, 54.0138 looks on a white background.

Color Contrast Check

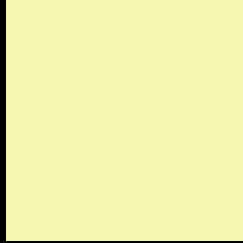
Large Text (above 18pt) WCAG AA × Fail

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 78.4484, 88.4586, 54.0138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

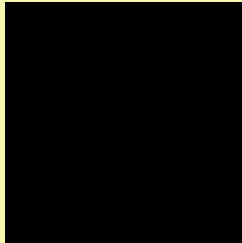
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4484, 88.4586, 54.0138

Background



This preview shows how black text looks on a background with the XYZ color 78.4484, 88.4586, 54.0138.

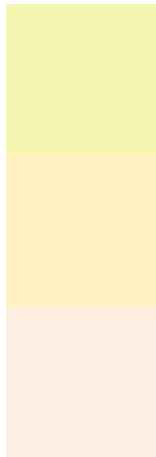


This preview shows how white text looks on a background with the XYZ color 78.4484, 88.4586,

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

78.4484, 88.4586, 54.0138

Protanopia

82.5456, 88.1107, 64.2862

Deuteranopia

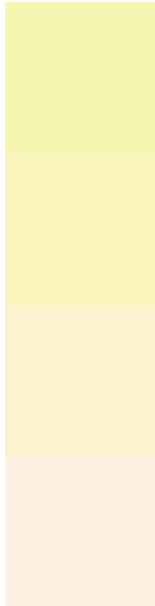
85.8340, 88.4840, 84.5067



Tritanopia

89.1248, 88.4067, 106.1327

Trichromacy



Original Color

78.4484, 88.4586, 54.0138

Protanomaly

80.9114, 88.2413, 60.3447

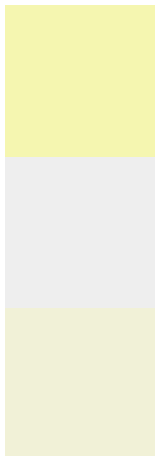
Deuteranomaly

82.9210, 88.5676, 72.3994

Tritanomaly

84.6712, 88.3204, 84.5364

Monochromacy



Original Color

78.4484, 88.4586, 54.0138

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

79.9967, 86.5177, 76.7733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4484, 88.4586, 54.0138 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(245, 246, 176)` looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 176)  
}
```

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(245, 246, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 176) }
```

Border

The CSS property to change the border of an element to XYZ 78.4484, 88.4586, 54.0138 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(245, 246, 176) }
```


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

```
.border{ border-color:rgb(245, 246, 176) }
```

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

Here you see how a box with a 4 pixel rgb(245, 246, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 176);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4484, 88.4586, 54.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 176) }
```

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

```
.background{ background-color: rgb(245,  
246, 176) }
```

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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