

Converting Colors

XYZ(78.1656, 88.6346, 60.0021)

Have a look what the booklet for
XYZ(78.1656, 88.6346, 60.0021)
contains.

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Color

**XYZ(78.1656, 88.6346,
60.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F7BB
RGB	240, 247, 187
RGB Percent	94%, 97%, 73%
CMY	0.0588, 0.0313, 0.2667
CMYK	0.03, 0.00, 0.24, 0.03
HSL	67°, 79%, 85%
HSV	67°, 24%, 97%
XYZ	78.1656, 88.6346, 60.0021
YIQ	238.0670, 15.0880, -20.1440

Conversions

Conversions Part 2

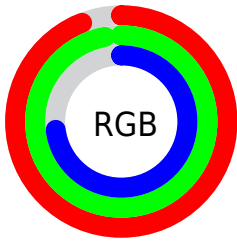
Format	Color
RYB	187, 247, 194
Decimal	15792059
CIELab	95.43, -11.84, 28.15
CIELCh	95, 30.536, 112.818
Yxy	88.6346, 0.3446, 0.3908
Android (android.graphics.Color)	4293982139 (0xFFFF0F7BB)
YUV	238.0670, -25.1760, 1.6952
Hunter-Lab	94.1460, -16.5540, 28.1148

Details

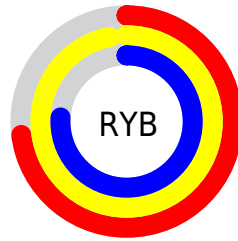
The XYZ color **78.1656, 88.6346, 60.0021** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.8103, 53.7277, 95.3768**, and the grayscale version is **81.5025, 85.7470, 93.3785**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **42.3929, 49.0223, 29.4182** is the 20% darker color. If you saturate the color by 10%, you get **74.7752, 87.1692, 47.2074**, and if you desaturate by 10%, it is **82.0311, 90.2978, 75.1967**.

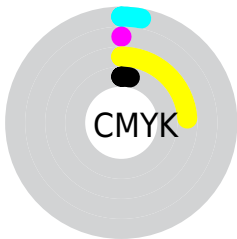
Distribution



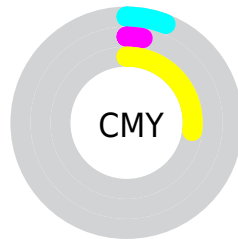
- Red (94%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)





- Cyan (6%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1656, 88.6346, 60.0021 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 78.1656, 88.6346, 60.0021 by changing the saturation by 10% instead.

 78.1656, 88.6346,
60.0021

 78.1656, 88.6346,
60.0021


477.5603,
523.5792, 442.4104

 58.5133, 66.8488,
42.9950


 129.7477,
145.4403, 106.3761

 42.4663, 48.9617,
29.5498


162.4081,
181.2290, 136.5801

 29.6593, 34.5891,
19.2480


200.1354,
222.4541, 172.0202

 19.7269, 23.3465,
11.6710

243.2947,
269.4999, 213.1149

 12.3038, 14.8496,
6.4003

292.2515,
322.7510, 260.2827

 7.0246, 8.7139,
3.0173

347.3711,

 3.5240, 4.5550,

382.5916, 313.9422

1.1035

409.0189,
449.4062, 374.5119

■ 1.4365, 1.9886,
0.0000

■ 0.2820, 0.6009,
0.0000

■ 78.1656, 88.6346,
60.0021

■ 78.1656, 88.6346,
60.0021

■ 74.7752, 87.1692,
47.2074

■ 82.0311, 90.2978,
75.1967

■ 71.8295, 85.8806,
36.6844

■ 86.3864, 92.1557,
92.8993

■ 69.3056, 84.7624,
28.3014

■ 90.2556, 93.8210,
107.9600

■ 67.1752, 83.8034,
21.9111

■ 91.2895, 94.3541,
108.0084

■ 65.4069, 82.9909,
17.3476

■ 92.3393, 94.8952,
108.0576

■ 63.9640, 82.3104,
14.4182

■ 92.5526, 95.0052,
108.0675

■ 62.8016, 81.7439,
12.8871

■ 62.2265, 81.4566,
12.4430

Harmonies

Analogous

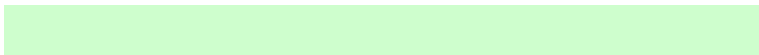
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2694, 88.6346, 57.6726



78.1656, 88.6346, 60.0021



72.0802, 88.6346, 71.2830

Triad

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



78.1656, 88.6346, 60.0021



74.9021, 88.6346, 138.0102



101.2134, 88.6346, 102.3764

Complementary

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



78.1656, 88.6346, 60.0021



56.8103, 53.7277, 95.3768

Split Complementary

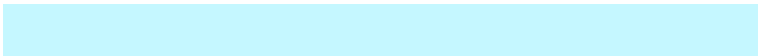
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.7057, 88.6346, 127.0759



78.1656, 88.6346, 60.0021



82.2516, 88.6346, 149.7433

Square

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



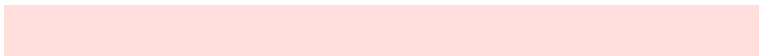
78.1656, 88.6346, 60.0021



70.2848, 88.6346, 115.4766



90.6307, 88.6346, 145.4424



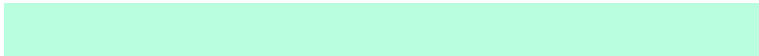
99.9401, 88.6346, 79.7394

Rectangle

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



78.1656, 88.6346, 60.0021



69.8070, 88.6346, 83.5422



90.6307, 88.6346, 145.4424



100.5469, 88.6346, 110.7504

Sweetspot

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



78.1679, 88.6385, 60.0040



91.5454, 98.5101, 94.4251



66.6221, 61.9479, 55.4607



19.5325, 21.0588, 19.9575



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

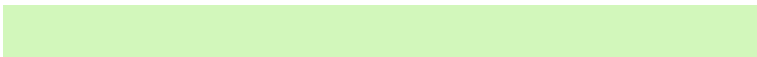
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1679, 88.6385, 60.0040



82.2404, 94.5174, 57.6521



68.8119, 83.8153, 59.5661



17.7130, 19.2096, 17.5718



32.9867, 43.1181, 6.5840



2.9521, 3.8169, 0.5811

Inverse Universe

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



56.8103, 53.7277, 95.3768



55.7403, 51.1945, 101.5514



65.3021, 58.1054, 95.7742



15.7608, 16.0193, 20.8039



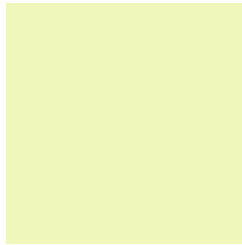
9.2039, 3.7191, 46.7708



0.8661, 0.3563, 4.1134

Previews

White Background



This preview shows how the XYZ color 78.1656, 88.6346, 60.0021 looks on a white background.

Color Contrast Check

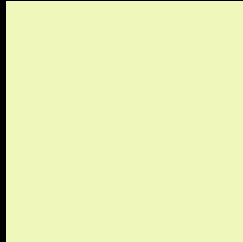
Large Text (above 18pt) WCAG AA × Fail

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 78.1656, 88.6346, 60.0021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

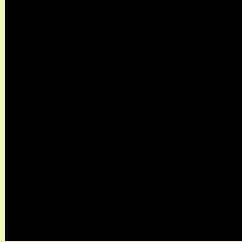
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

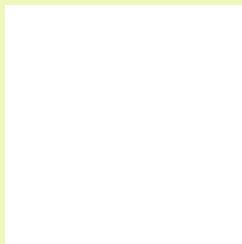
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1656, 88.6346, 60.0021

Background



This preview shows how black text looks on a background with the XYZ color 78.1656, 88.6346, 60.0021.

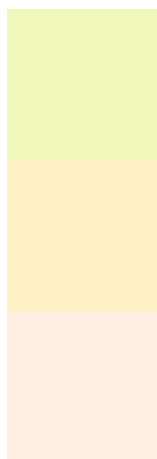


This preview shows how white text looks on a background with the XYZ color 78.1656, 88.6346,

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

78.1656, 88.6346, 60.0021

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

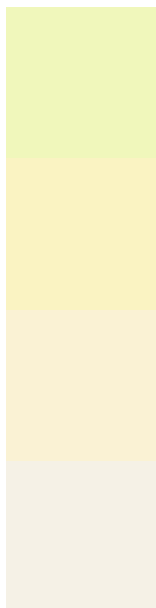
85.9716, 88.5391, 85.2316



Tritanopia

87.3359, 88.3255, 107.0532

Trichromacy



Original Color

78.1656, 88.6346, 60.0021

Protanomaly

81.2125, 88.3202, 63.8061

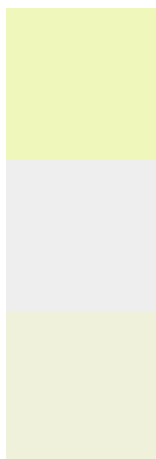
Deuteranomaly

83.0601, 88.5817, 75.0076

Tritanomaly

83.3944, 88.0362, 87.4602

Monochromacy



Original Color

78.1656, 88.6346, 60.0021

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

79.8381, 86.3758, 79.4821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1656, 88.6346, 60.0021 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(240, 247, 187)` looks like.

```
.text, #text, p{  
    color:rgb(240, 247, 187)  
}
```

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(240, 247, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 247, 187) }
```

Border

The CSS property to change the border of an element to XYZ 78.1656, 88.6346, 60.0021 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(240, 247, 187) }
```


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

```
.border{ border-color:rgb(240, 247, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 247, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 247, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 247, 187);  
box-shadow:4px 4px 4px 4px rgb(240, 247,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1656, 88.6346, 60.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 247, 187) }
```

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

```
.background{ background-color: rgb(240,  
247, 187) }
```

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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