

Converting Colors

XYZ(78.3440, 86.9526, 59.6690)

Have a look what the booklet for
XYZ(78.3440, 86.9526, 59.6690)
contains.

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Color

**XYZ(78.3285, 86.9221,
59.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F3BB
RGB	244, 243, 187
RGB Percent	96%, 95%, 73%
CMY	0.0431, 0.0470, 0.2667
CMYK	0.00, 0.00, 0.23, 0.04
HSL	59°, 72%, 85%
HSV	59°, 23%, 96%
XYZ	78.3285, 86.9221, 59.6630
YIQ	236.9150, 18.5720, -17.2040

Conversions

Conversions Part 2

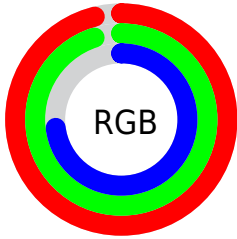
Format	Color
RYB	188, 244, 187
Decimal	16053179
CIELab	94.71, -8.40, 27.21
CIELCh	95, 28.478, 107.162
Yxy	86.9221, 0.3483, 0.3865
Android (android.graphics.Color)	4294243259 (0xFFFF4F3BB)
YUV	236.9150, -24.6081, 6.2135
Hunter-Lab	93.2320, -13.1900, 27.3203

Details

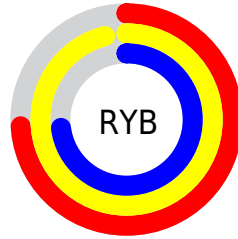
The XYZ color **78.3285, 86.9221, 59.6630** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.8058, 53.0618, 92.9419**, and the grayscale version is **80.6062, 84.8040, 92.3515**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **42.4975, 47.7989, 29.1766** is the 20% darker color. If you saturate the color by 10%, you get **75.8088, 85.7136, 47.0125**, and if you desaturate by 10%, it is **81.2968, 88.3165, 74.6547**.

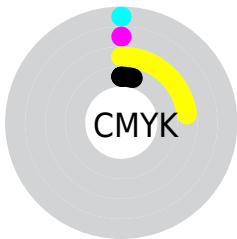
Distribution



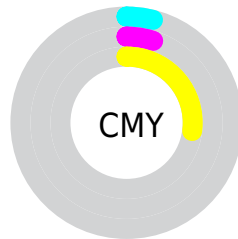
- Red (96%)
- Green (95%)
- Blue (73%)



- Red (74%)
- Yellow (96%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3285, 86.9221, 59.6630 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 78.3285, 86.9221, 59.6630 by changing the saturation by 10% instead.


 78.3285, 86.9221,
59.6630

 78.3285, 86.9221,
59.6630

478.1045,
517.9669, 441.1246

 58.6476, 65.4307,
42.7235


 129.9760,
143.0556, 105.8792

 42.5748, 47.8104,
29.3385


162.6733,
178.4664, 135.9931

 29.7447, 33.6768,
19.0892


200.4402,
219.2860, 171.3355

 19.7920, 22.6454,
11.5573

243.6419,
265.8985, 212.3250

 12.3513, 14.3319,
6.3241

292.6438,
318.6885, 259.3801

 7.0573, 8.3519,
2.9712

347.8113,

 3.5446, 4.3209,

378.0403, 312.9194

1.0800

409.5098,
444.3383, 373.3614

■ 1.4479, 1.8547,
0.0000

■ 0.2900, 0.5209,
0.0000

■ 78.3285, 86.9221,
59.6630

■ 78.3285, 86.9221,
59.6630

■ 75.8088, 85.7136,
47.0125

■ 81.2968, 88.3165,
74.6547

■ 73.7087, 84.6703,
36.5797


■ 84.7279, 89.8936,
92.0919

■ 72.0059, 83.7865,
28.2378


■ 87.7945, 91.3253,
107.6080


■ 70.6736, 83.0513,
21.8455


■ 87.9230, 91.5822,
107.6508


 69.6816, 82.4528,
17.2437


 88.0517, 91.8398,
107.6938


 68.9949, 81.9768,
14.2482


 88.1808, 92.0979,
107.7368

 68.5711, 81.6064,
12.6357

 88.3102, 92.3566,
107.7799

 68.3929, 81.4021,
12.1075

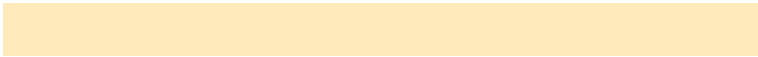
 88.4398, 92.6159,
107.8231

 88.5698, 92.8758,
107.8664

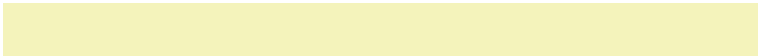
Harmonies

Analogous

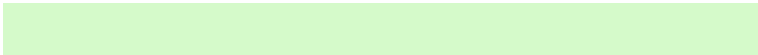
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9472, 86.9221, 59.0568



78.3285, 86.9221, 59.6630



72.2380, 86.9221, 68.6631

Triad

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



78.3285, 86.9221, 59.6630



72.9621, 86.9221, 129.2298



97.8944, 86.9221, 104.3715

Complementary

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



78.3285, 86.9221, 59.6630



54.8058, 53.0618, 92.9419

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.



93.9450, 86.9221, 126.4676



78.3285, 86.9221, 59.6630



79.3736, 86.9221, 142.2471

Square

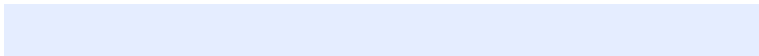
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3285, 86.9221, 59.6630



69.2743, 86.9221, 107.7022



87.0589, 86.9221, 141.1642



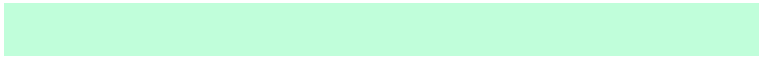
97.5713, 86.9221, 82.6853

Rectangle

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



78.3285, 86.9221, 59.6630



69.7206, 86.9221, 79.1352



87.0589, 86.9221, 141.1642



97.0127, 86.9221, 112.0558

Sweetspot

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



78.3307, 86.9260, 59.6648



92.2087, 98.7046, 94.4277



64.2539, 58.4447, 55.9828



19.6866, 21.1040, 19.9581



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

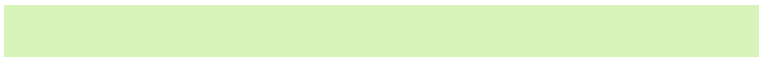
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3307, 86.9260, 59.6648



85.2136, 95.4315, 59.0568



70.0555, 83.1030, 59.3631



17.8884, 19.2610, 17.5725



37.1994, 44.2843, 6.5871



3.2773, 3.9077, 0.5815

Inverse Universe

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



54.8058, 53.0618, 92.9419



55.0382, 51.9945, 101.7429



61.7154, 56.3095, 93.2046



15.6044, 15.9730, 20.8032



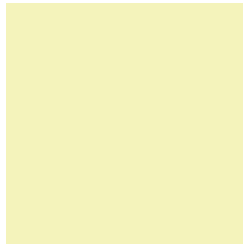
8.9141, 3.6221, 46.7673



0.7915, 0.3344, 4.1131

Previews

White Background



This preview shows how the XYZ color 78.3285, 86.9221, 59.6630 looks on a white background.

Color Contrast Check

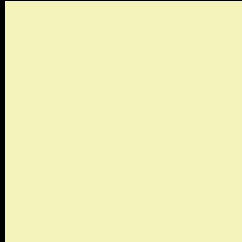
Large Text (above 18pt) WCAG AA × Fail

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 78.3285, 86.9221, 59.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

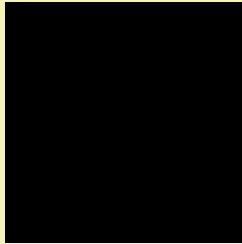
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3285, 86.9221, 59.6630

Background



This preview shows how black text looks on a background with the XYZ color 78.3285, 86.9221, 59.6630.

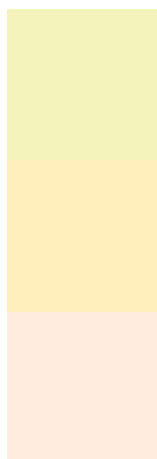


This preview shows how white text looks on a background with the XYZ color 78.3285, 86.9221,

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

78.3285, 86.9221, 59.6630

Protanopia

81.1836, 86.6238, 60.0182

Deuteranopia

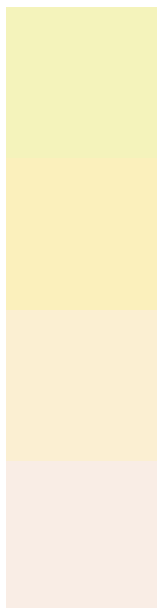
84.5547, 86.5786, 82.0669



Tritanopia

87.2973, 86.6329, 105.0493

Trichromacy



Original Color

78.3285, 86.9221, 59.6630

Protanomaly

80.0208, 86.4602, 60.0479

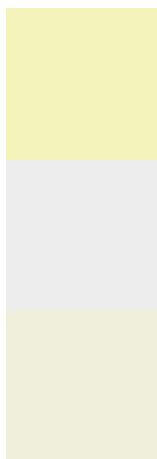
Deuteranomaly

82.2830, 86.8954, 73.4085

Tritanomaly

83.4940, 86.3653, 86.3983

Monochromacy



Original Color

78.3285, 86.9221, 59.6630

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.5879, 85.3727, 79.3017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3285, 86.9221, 59.6630 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, 243, 187)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 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(244, 243, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 187) }
```

Border

The CSS property to change the border of an element to XYZ 78.3285, 86.9221, 59.6630 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, 243, 187) }
```


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

```
.border{ border-color:rgb(244, 243, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 187);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3285, 86.9221, 59.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 187) }
```

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

```
.background{ background-color: rgb(244,  
243, 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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