

Converting Colors

XYZ(77.8123, 86.5100, 59.2790)

Have a look what the booklet for
XYZ(77.8123, 86.5100, 59.2790)
contains.

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Color

**XYZ(77.8757, 86.7010,
59.0849)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F3BA
RGB	243, 243, 186
RGB Percent	95%, 95%, 73%
CMY	0.0471, 0.0470, 0.2706
CMYK	0.00, 0.00, 0.23, 0.05
HSL	60°, 70%, 84%
HSV	60°, 23%, 95%
XYZ	77.8757, 86.7010, 59.0849
YIQ	236.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

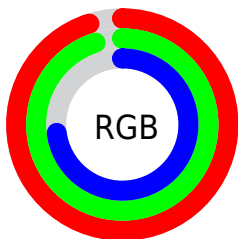
Format	Color
R_{YB}	186, 243, 186
Decimal	15987642
CIE _{Lab}	94.61, -8.90, 27.58
CIE _{LCh}	95, 28.980, 107.892
Yxy	86.7010, 0.3482, 0.3876
Android (android.graphics.Color)	4294177722 (0xFFFF3F3BA)
YUV	236.5020, -24.8975, 5.6987
Hunter-Lab	93.1134, -13.6593, 27.5570

Details

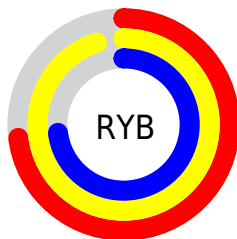
The XYZ color **77.8757, 86.7010, 59.0849** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.9895, 52.0303, 91.9961**, and the grayscale version is **80.2907, 84.4721, 91.9901**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **42.1849, 47.6457, 28.8030** is the 20% darker color. If you saturate the color by 10%, you get **75.5091, 85.7572, 46.6166**, and if you desaturate by 10%, it is **80.6862, 87.8283, 73.8707**.

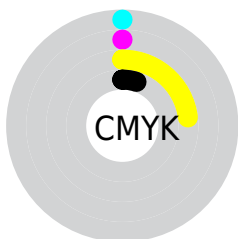
Distribution



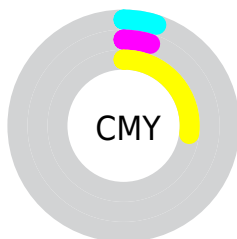
- Red (95%)
- Green (95%)
- Blue (73%)



- Red (73%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8757, 86.7010, 59.0849 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 77.8757, 86.7010, 59.0849 by changing the saturation by 10% instead.

77.8757, 86.7010,
59.0849

77.8757, 86.7010,
59.0849

476.5909,
517.2399, 438.9271

58.2743, 65.2478,
42.2610

129.3412,
142.7473, 105.0314

42.2733, 47.6620,
28.9786

161.9360,
178.1092, 134.9911

29.5074, 33.5593,
18.8192

199.5926,
218.8761, 170.1664

19.6112, 22.5553,
11.3642

242.6764,
265.4325, 210.9759

12.2194, 14.2655,
6.1951

291.5528,
318.1626, 257.8383

6.9665, 8.3055,
2.8934

346.5871,

3.4873, 4.2911,

377.4510, 311.1719

1.0405

408.1447,
443.6819, 371.3953

■ 1.4164, 1.8377,
0.0000

■ 0.2679, 0.5105,
0.0000

■ 77.8757, 86.7010,
59.0849

■ 77.8757, 86.7010,
59.0849

■ 75.5091, 85.7572,
46.6166

■ 80.6862, 87.8283,
73.8707

■ 73.5574, 84.9765,
36.3432


■ 83.9545, 89.1357,
91.0773


■ 71.9987, 84.3529,
28.1395


■ 87.0672, 90.3808,
107.4641


■ 70.8064, 83.8759,
21.8650


■ 87.0679, 90.3812,
107.4641


 69.9505, 83.5334,
17.3621


 87.0687, 90.3816,
107.4641


 69.3964, 83.3117,
14.4484


 87.0695, 90.3821,
107.4642

 69.1020, 83.1939,
12.9022

 87.0703, 90.3825,
107.4642

 69.0087, 83.1565,
12.4137

 87.0711, 90.3829,
107.4642

 87.0719, 90.3833,
107.4643

Harmonies

Analogous

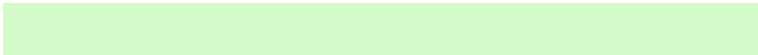
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5990, 86.7010, 58.2663



77.8757, 86.7010, 59.0849



71.7536, 86.7010, 68.3862

Triad

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



77.8757, 86.7010, 59.0849



72.7358, 86.7010, 130.0651



97.9899, 86.7010, 103.7204

Complementary

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



77.8757, 86.7010, 59.0849



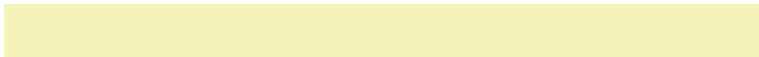
53.9895, 52.0303, 91.9961

Split Complementary

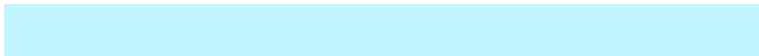
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.0652, 86.7010, 126.2998



77.8757, 86.7010, 59.0849



79.2948, 86.7010, 143.0431

Square

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



77.8757, 86.7010, 59.0849



68.9177, 86.7010, 108.2513



87.1101, 86.7010, 141.5653



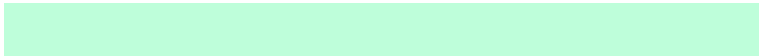
97.5500, 86.7010, 81.7885

Rectangle

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



77.8757, 86.7010, 59.0849



69.2539, 86.7010, 79.1146



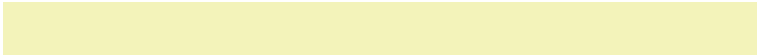
87.1101, 86.7010, 141.5653



97.1276, 86.7010, 111.5433

Sweetspot

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



77.8779, 86.7049, 59.0867



92.3074, 98.9029, 94.4608



63.3868, 57.7198, 54.2558



19.7096, 21.1501, 19.9658



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

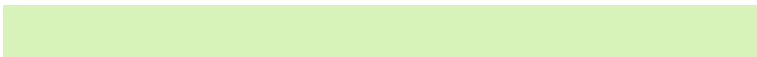
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8779, 86.7049, 59.0867



85.6074, 96.2227, 59.1887



68.7945, 82.0222, 58.6616



17.9146, 19.3135, 17.5813



37.8724, 45.6367, 6.8127



3.3287, 4.0110, 0.5988

Inverse Universe

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



53.9895, 52.0303, 91.9961



54.7806, 51.4769, 101.6565



61.6169, 55.9623, 92.3530



15.5814, 15.9268, 20.7955



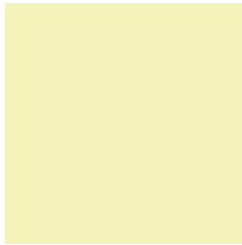
8.8791, 3.5517, 46.7556



0.7804, 0.3122, 4.1094

Previews

White Background



This preview shows how the XYZ color 77.8757, 86.7010, 59.0849 looks on a white background.

Color Contrast Check

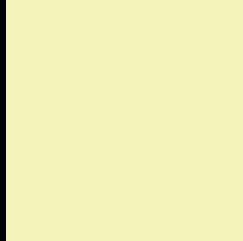
Large Text (above 18pt) WCAG AA × Fail

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 77.8757, 86.7010, 59.0849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

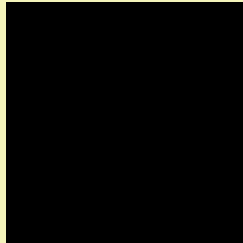
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8757, 86.7010, 59.0849

Background



This preview shows how black text looks on a background with the XYZ color 77.8757, 86.7010, 59.0849.

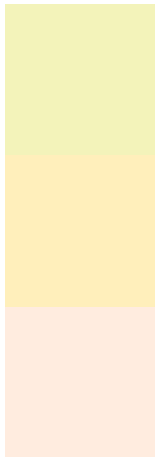


This preview shows how white text looks on a background with the XYZ color 77.8757, 86.7010,

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

77.8757, 86.7010, 59.0849

Protanopia

81.0761, 86.5809, 59.4523

Deuteranopia

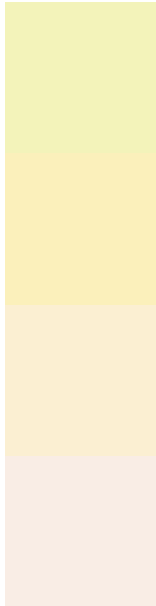
84.5547, 86.5786, 82.0669



Tritanopia

87.2973, 86.6329, 105.0493

Trichromacy



Original Color

77.8757, 86.7010, 59.0849

Protanomaly

79.9134, 86.4173, 59.4820

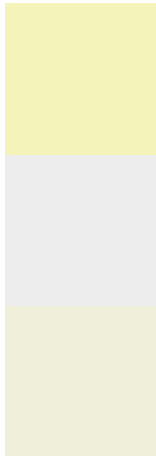
Deuteranomaly

82.2830, 86.8954, 73.4085

Tritanomaly

83.4940, 86.3653, 86.3983

Monochromacy



Original Color

77.8757, 86.7010, 59.0849

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.1180, 85.1457, 78.5945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8757, 86.7010, 59.0849 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, 243, 186)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 186)  
}
```

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, 243, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 186) }
```

Border

The CSS property to change the border of an element to XYZ 77.8757, 86.7010, 59.0849 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, 243, 186) }
```


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

```
.border{ border-color:rgb(243, 243, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 186);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8757, 86.7010, 59.0849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 186) }
```

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

```
.background{ background-color: rgb(243,  
243, 186) }
```

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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