

Converting Colors

XYZ(77.3794, 85.8999, 86.6047)

Have a look what the booklet for
XYZ(77.3794, 85.8999, 86.6047)
contains.

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Color

**XYZ(77.2448, 85.7659,
86.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F3E5
RGB	225, 243, 229
RGB Percent	88%, 95%, 90%
CMY	0.1176, 0.0470, 0.1020
CMYK	0.07, 0.00, 0.06, 0.05
HSL	133°, 43%, 92%
HSV	133°, 7%, 95%
XYZ	77.2448, 85.7659, 86.6120
YIQ	236.0220, -6.2340, -8.1700

Conversions

Conversions Part 2

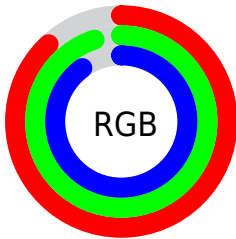
Format	Color
R _Y B	225, 240, 243
Decimal	14808037
CIE Lab	94.21, -8.45, 4.71
CIE LCh	94, 9.674, 150.868
Yxy	85.7659, 0.3094, 0.3436
Android (android.graphics.Color)	4292998117 (0xFFE1F3E5)
YUV	236.0220, -3.4618, -9.6663
Hunter-Lab	92.6099, -13.1826, 9.3768

Details

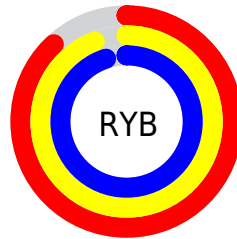
The XYZ color **77.2448, 85.7659, 86.6120** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4705, 79.1393, 92.7523**, and the grayscale version is **79.7768, 83.9314, 91.4013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9879, 47.1427, 46.9309** is the 20% darker color. If you saturate the color by 10%, you get **67.7047, 81.1388, 73.1314**, and if you desaturate by 10%, it is **88.1552, 91.0711, 101.6604**.

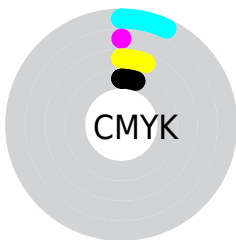
Distribution



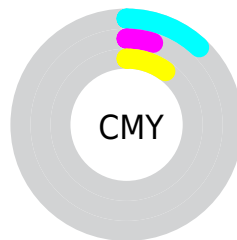
- Red (88%)
- Green (95%)
- Blue (90%)



- Red (88%)
- Yellow (94%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2448, 85.7659, 86.6120 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 77.2448, 85.7659, 86.6120 by changing the saturation by 10% instead.

77.2448, 85.7659,
86.6120

77.2448, 85.7659,
86.6120

474.4774,
514.1590, 537.2301

57.7544, 64.4744,
64.6164

128.4560,
141.4428, 144.5173

41.8538, 47.0350,
46.7007

160.9075,
176.5969, 181.2641

29.1774, 33.0633,
32.4465

198.4102,
217.1408, 223.7649

19.3600, 22.1750,
21.4351

241.3293,
263.4587, 272.4385

12.0363, 13.9855,
13.2481

290.0302,
315.9351, 327.7032

6.8407, 8.1106,
7.4669

344.8783,

3.4081, 4.1658,

374.9543, 389.9777

3.6729

406.2389,
440.9008, 459.6805

■ 1.3731, 1.7667,
1.4477

■ 0.2369, 0.4663,
0.1785

■ 77.2448, 85.7659,
86.6120

■ 77.2448, 85.7659,
86.6120

■ 67.7047, 81.1388,
73.1314

■ 88.1552, 91.0711,
101.6604

■ 59.4734, 77.1517,
61.1624

■ 91.3423, 92.5845,
107.6641

■ 52.4949, 73.7796,
50.6540

■ 46.7068, 70.9912,
41.5500

■ 42.0409, 68.7527,
33.7906

■ 38.4220, 67.0268,
27.3118

■ 35.7656, 65.7712,
22.0443

■ 33.9729, 64.9367,
17.9120

■ 32.9176, 64.4598,
14.8298

Harmonies

Analogous

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



78.9894, 85.7659, 81.6696



77.2448, 85.7659, 86.6120



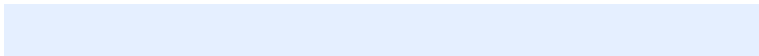
76.6392, 85.7659, 93.6008

Triad

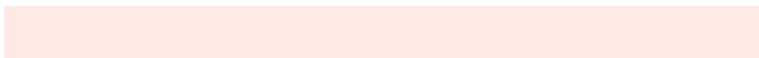
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2448, 85.7659, 86.6120



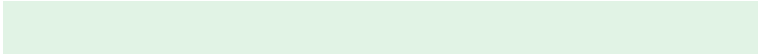
81.5934, 85.7659, 108.3834



85.8676, 85.7659, 86.2564

Complementary

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



77.2448, 85.7659, 86.6120



79.4705, 79.1393, 92.7523

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.



86.5994, 85.7659, 93.1685



77.2448, 85.7659, 86.6120



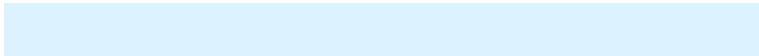
84.0998, 85.7659, 106.1692

Square

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



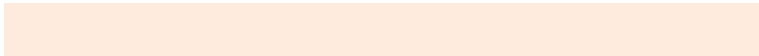
77.2448, 85.7659, 86.6120



79.1175, 85.7659, 106.4049



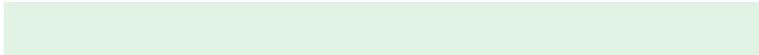
85.9458, 85.7659, 100.5011



83.9664, 85.7659, 81.4721

Rectangle

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



77.2448, 85.7659, 86.6120



76.9526, 85.7659, 98.5577



85.9458, 85.7659, 100.5011



86.2603, 85.7659, 88.3955

Sweetspot

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



77.2472, 85.7696, 86.6139



92.5663, 98.7926, 105.4843



81.2750, 87.9098, 83.9199



19.8390, 21.1583, 22.6138



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

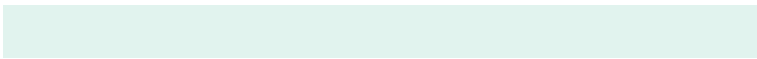
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2472, 85.7696, 86.6139



84.3628, 94.8073, 94.0883



78.5227, 86.2797, 93.3304



16.4329, 18.5323, 18.2982



17.9971, 35.3437, 8.0044



1.6189, 3.1212, 0.8990

Inverse Universe

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



79.4705, 79.1393, 92.7523



87.3505, 85.8973, 102.3369



78.1871, 78.6259, 85.9940



17.0468, 16.7016, 19.9931



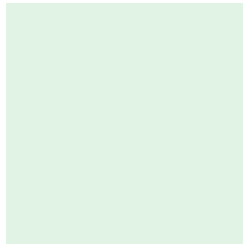
25.3808, 12.4958, 27.7775



2.2686, 1.1134, 2.6409

Previews

White Background



This preview shows how the XYZ color 77.2448, 85.7659, 86.6120 looks on a white background.

Color Contrast Check

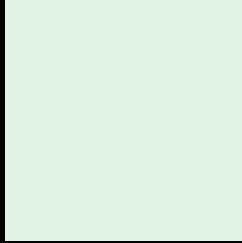
Large Text (above 18pt) WCAG AA × Fail

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 77.2448, 85.7659, 86.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

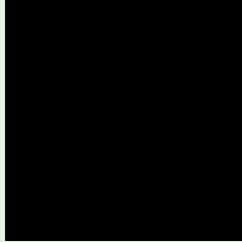
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

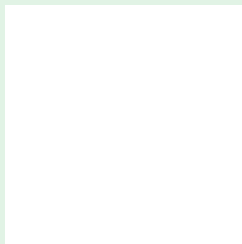
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.2448, 85.7659, 86.6120

Background



This preview shows how black text looks on a background with the XYZ color 77.2448, 85.7659, 86.6120.



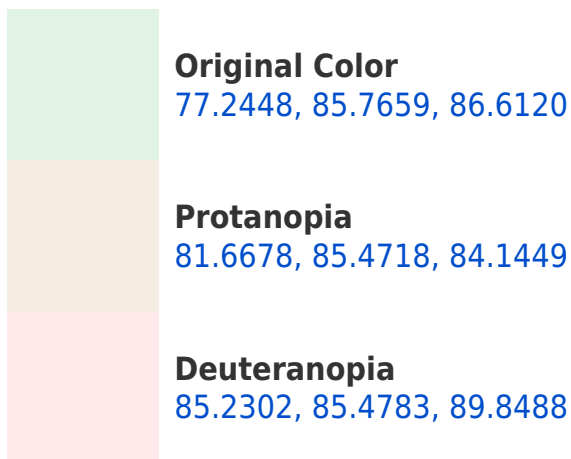
This preview shows how white text looks on a background with the XYZ color 77.2448, 85.7659,

86.6120.

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

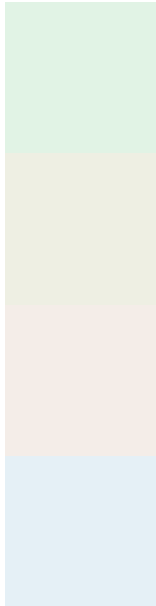




Tritanopia

81.8715, 85.9419, 106.8811

Trichromacy



Original Color

77.2448, 85.7659, 86.6120

Protanomaly

79.9915, 85.4562, 84.9517

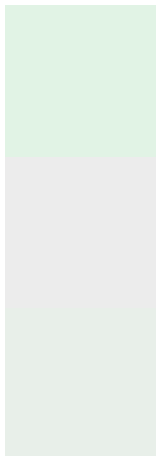
Deuteranomaly

82.1579, 85.6277, 88.5415

Tritanomaly

80.1077, 85.6320, 99.4953

Monochromacy



Original Color

77.2448, 85.7659, 86.6120

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.8532, 84.7720, 89.2974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2448, 85.7659, 86.6120 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(225, 243, 229) looks like.

```
.text, #text, p{  
    color:rgb(225, 243, 229)  
}
```

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(225, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 243, 229) }
```

Border

The CSS property to change the border of an element to XYZ 77.2448, 85.7659, 86.6120 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(225, 243, 229) }
```


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

```
.border{ border-color:rgb(225, 243, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 243, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 243,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2448, 85.7659, 86.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 243, 229) }
```

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

```
.background{ background-color: rgb(225,  
243, 229) }
```

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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