

Converting Colors

XYZ(80.2693, 85.5673, 86.4142)

Have a look what the booklet for
XYZ(80.2693, 85.5673, 86.4142)
contains.

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Color

**XYZ(80.2693, 85.5673,
86.4142)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EEEEFE5 |
| RGB | 238, 239, 229 |
| RGB Percent | 93%, 94%, 90% |
| CMY | 0.0667, 0.0627, 0.1020 |
| CMYK | 0.00, 0.00, 0.04, 0.06 |
| HSL | 66°, 24%, 92% |
| HSV | 66°, 4%, 94% |
| XYZ | 80.2693, 85.5673, 86.4142 |
| YIQ | 237.5610, 2.6140, -3.3220 |

Conversions

Conversions Part 2

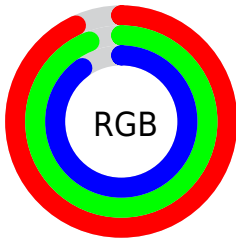
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 229, 239, 230 |
| Decimal | 15658981 |
| CIE Lab | 94.13, -2.07, 4.70 |
| CIE LCh | 94, 5.139, 113.763 |
| Yxy | 85.5673, 0.3182, 0.3392 |
| Android (android.graphics.Color) | 4293849061 (0xFFEEFE5) |
| YUV | 237.5610, -4.2206, 0.3850 |
| Hunter-Lab | 92.5026, -6.9858, 9.3642 |

Details

The XYZ color **80.2693, 85.5673, 86.4142** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **76.2356, 79.0958, 92.9148**, and the grayscale version is **80.9609, 85.1772, 92.7580**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8649, 46.8680, 46.7789** is the 20% darker color. If you saturate the color by 10%, you get **76.3601, 83.9139, 69.9940**, and if you desaturate by 10%, it is **84.6536, 87.4174, 105.2584**.

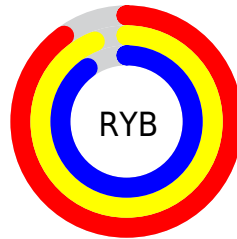
Distribution



Red (93%)

Green (94%)

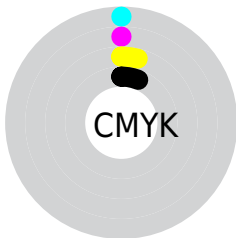
Blue (90%)



Red (90%)

Yellow (94%)

Blue (90%)

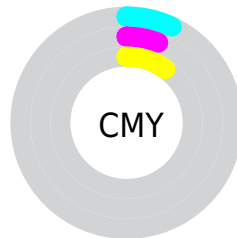


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2693, 85.5673, 86.4142 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 80.2693, 85.5673, 86.4142 by changing the saturation by 10% instead.

80.2693, 85.5673,
86.4142

80.2693, 85.5673,
86.4142

484.5627,
513.5034, 536.5621

60.2492, 64.3102,
64.4537

132.6928,
141.1655, 144.2390

43.8698, 46.9020,
46.5697

165.8270,
176.2754, 180.9404

30.7656, 32.9582,
32.3437

204.0632,
216.7718, 223.3924

20.5714, 22.0944,
21.3572

247.7668,
263.0389, 272.0137

12.9217, 13.9263,
13.1916

297.3032,
315.4612, 327.2228

7.4513, 8.0694,
7.4283

353.0378,

3.7947, 4.1394,

374.4232, 389.4382

3.6489

415.3358,
440.3091, 459.0785

■ 1.5867, 1.7518,
1.4348

■ 0.3837, 0.4569,
0.1686

■ 80.2693, 85.5673,
86.4142

■ 80.2693, 85.5673,
86.4142

■ 76.3601, 83.9139,
69.9940

■ 84.6536, 87.4174,
105.2584

■ 72.9000, 82.4387,
55.8940

■ 85.8112, 87.9754,
107.0660

■ 69.8715, 81.1373,
44.0112

■ 86.6437, 88.4046,
107.1049

■ 67.2531, 80.0012,
34.2324

■ 87.4871, 88.8394,
107.1444

■ 65.0214, 79.0210,
26.4348

■ 88.3414, 89.2798,
107.1844

■ 63.1506, 78.1864,
20.4826

■ 89.2066, 89.7258,
107.2249

■ 61.6116, 77.4857,
16.2230

■ 90.0828, 90.1775,
107.2659

■ 60.3707, 76.9055,
13.4790

■ 90.1582, 90.2164,
107.2694

■ 59.3869, 76.4292,
12.0341

Harmonies

Analogous

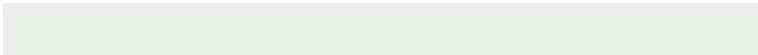
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6165, 85.5673, 85.8480



80.2693, 85.5673, 86.4142



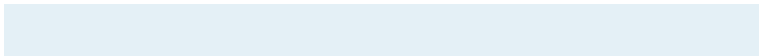
79.2170, 85.5673, 88.7672

Triad

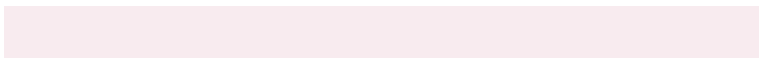
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2693, 85.5673, 86.4142



79.7776, 85.5673, 99.4047



83.9836, 85.5673, 93.9926

Complementary

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



80.2693, 85.5673, 86.4142



76.2356, 79.0958, 92.9148

Split Complementary

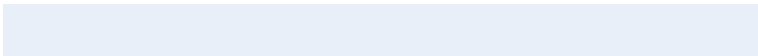
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4785, 85.5673, 97.7124



80.2693, 85.5673, 86.4142



81.0425, 85.5673, 100.8932

Square

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



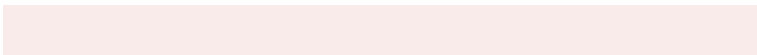
80.2693, 85.5673, 86.4142



78.9353, 85.5673, 96.2502



82.3983, 85.5673, 100.2654



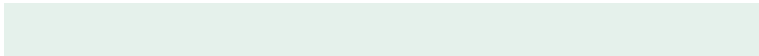
83.7709, 85.5673, 90.1528

Rectangle

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



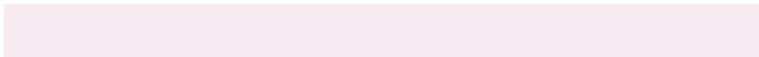
80.2693, 85.5673, 86.4142



78.8191, 85.5673, 91.0688



82.3983, 85.5673, 100.2654



83.8919, 85.5673, 95.2997

Sweetspot

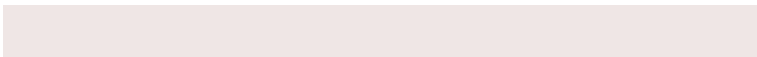
The Sweet Spot groups the original color and five complimentary colors.



80.2717, 85.5710, 86.4161



94.5480, 99.7883, 106.7476



78.0390, 80.6037, 85.5750



20.2425, 21.3610, 22.8711



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.



80.2717, 85.5710, 86.4161



92.5953, 98.9639, 98.4231



78.6166, 84.7178, 86.3386



17.2853, 18.5125, 18.1846



32.6101, 42.1327, 6.4137



2.7577, 3.5281, 0.5357

Inverse Universe

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



76.2356, 79.0958, 92.9148



87.0219, 90.0223, 107.3972



77.8629, 79.9348, 92.9909



16.1074, 16.6228, 20.0812



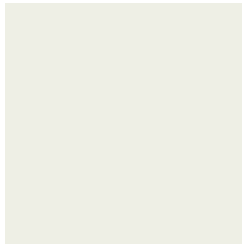
8.8674, 3.5767, 45.3509



0.7867, 0.3228, 3.7751

Previews

White Background



This preview shows how the XYZ color 80.2693, 85.5673, 86.4142 looks on a white background.

Color Contrast Check

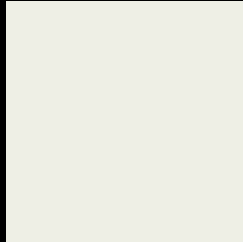
Large Text (above 18pt) WCAG AA × Fail

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 80.2693, 85.5673, 86.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

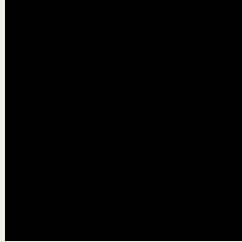
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

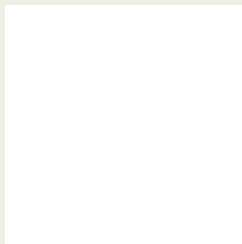
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2693, 85.5673, 86.4142

Background



This preview shows how black text looks on a background with the XYZ color 80.2693, 85.5673, 86.4142.



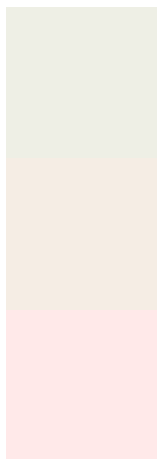
This preview shows how white text looks on a background with the XYZ color 80.2693, 85.5673,

86.4142.

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

80.2693, 85.5673, 86.4142

Protanopia

81.9440, 85.5823, 85.5989

Deuteranopia

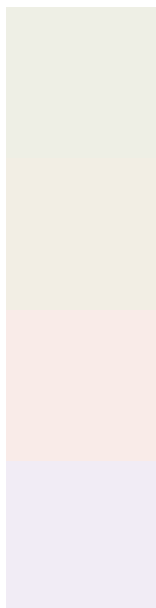
85.0869, 85.4210, 89.0941



Tritanopia

84.2157, 85.4497, 105.8207

Trichromacy



Original Color

80.2693, 85.5673, 86.4142

Protanomaly

81.1961, 85.6278, 85.6471

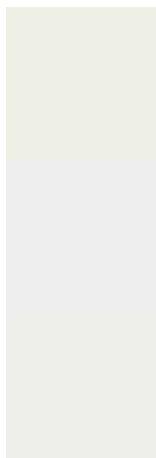
Deuteranomaly

83.3407, 85.3826, 88.4319

Tritanomaly

82.7525, 85.2842, 98.4862

Monochromacy



Original Color

80.2693, 85.5673, 86.4142

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.8298, 85.3244, 90.8063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2693, 85.5673, 86.4142 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(238, 239, 229) looks like.

```
.text, #text, p{  
    color:rgb(238, 239, 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(238, 239, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 239, 229) }
```

Border

The CSS property to change the border of an element to XYZ 80.2693, 85.5673, 86.4142 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(238, 239, 229) }
```


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

```
.border{ border-color:rgb(238, 239, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 239, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 239, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 239, 229);  
box-shadow:4px 4px 4px 4px rgb(238, 239,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2693, 85.5673, 86.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 239, 229) }
```

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

```
.background{ background-color: rgb(238,  
239, 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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