

Converting Colors

XYZ(80.9339, 85.6026, 80.6639)

Have a look what the booklet for
XYZ(80.9339, 85.6026, 80.6639)
contains.

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Color

**XYZ(80.9339, 85.6026,
80.6639)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4EEDD |
| RGB | 244, 238, 221 |
| RGB Percent | 96%, 93%, 87% |
| CMY | 0.0431, 0.0666, 0.1333 |
| CMYK | 0.00, 0.02, 0.09, 0.04 |
| HSL | 44°, 51%, 91% |
| HSV | 44°, 9%, 96% |
| XYZ | 80.9339, 85.6026, 80.6639 |
| YIQ | 237.8560, 9.0330, -4.0150 |

Conversions

Conversions Part 2

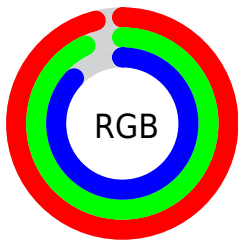
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 229, 244, 221 |
| Decimal | 16051933 |
| CIE Lab | 94.14, -0.84, 8.93 |
| CIE LCh | 94, 8.971, 95.344 |
| Yxy | 85.6026, 0.3274, 0.3463 |
| Android (android.graphics.Color) | 4294242013 (0xFFFF4EEDD) |
| YUV | 237.8560, -8.3100, 5.3883 |
| Hunter-Lab | 92.5217, -5.7690, 13.0739 |

Details

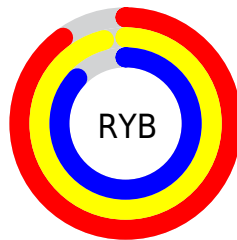
The XYZ color **80.9339, 85.6026, 80.6639** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6169, 76.8407, 96.5406**, and the grayscale version is **81.2160, 85.4455, 93.0502**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3499, 46.9004, 42.7916** is the 20% darker color. If you saturate the color by 10%, you get **76.0980, 80.7601, 64.1618**, and if you desaturate by 10%, it is **86.3125, 90.7725, 99.6799**.

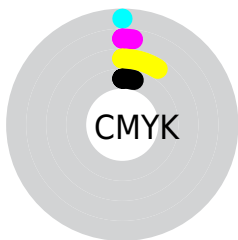
Distribution



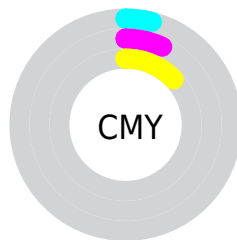
- Red (96%)
- Green (93%)
- Blue (87%)



- Red (90%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.9339, 85.6026, 80.6639 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 80.9339, 85.6026, 80.6639 by changing the saturation by 10% instead.

80.9339, 85.6026,
80.6639

80.9339, 85.6026,
80.6639

486.7633,
513.6199, 516.9331

60.7983, 64.3394,
59.7355

133.6216,
141.2148, 136.1186

44.3143, 46.9256,
42.7815

166.9044,
176.3326, 171.4818

31.1166, 32.9769,
29.3836

205.3002,
216.8374, 212.4938

20.8399, 22.1087,
19.1231

249.1745,
263.1135, 259.5730

13.1189, 13.9368,
11.5816

298.8926,
315.5455, 313.1380

7.5880, 8.0767,
6.3404

354.8199,

3.8820, 4.1441,

374.5176, 373.6073

2.9810

417.3217,
440.4143, 441.3995

■ 1.6356, 1.7545,
1.0850

■ 0.4155, 0.4586,
0.0000

■ 80.9339, 85.6026,
80.6639

■ 80.9339, 85.6026,
80.6639

■ 76.0980, 80.7601,
64.1618

■ 86.3125, 90.7725,
99.6799

■ 71.7768, 76.2243,
50.0610

■ 89.7705, 95.2770,
108.2666

■ 67.9501, 71.9889,
38.2485

■ 91.1186, 97.9733,
108.7160

■ 64.5938, 68.0431,
28.6001

■ 61.6813, 64.3751,
20.9794

■ 59.1831, 60.9720,
15.2347

■ 57.0657, 57.8193,
11.1930

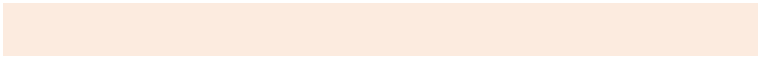
■ 55.2893, 54.8998,
8.6483

■ 53.7919, 52.1876,
7.2783

Harmonies

Analogous

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



83.3020, 85.6026, 81.7099



80.9339, 85.6026, 80.6639



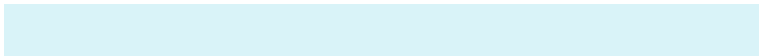
78.7237, 85.6026, 82.8420

Triad

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



80.9339, 85.6026, 80.6639



77.6582, 85.6026, 101.0586



85.6268, 85.6026, 98.8264

Complementary

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



80.9339, 85.6026, 80.6639



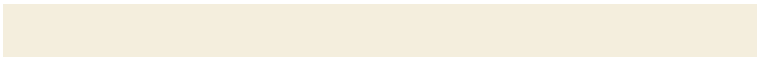
73.6169, 76.8407, 96.5406

Split Complementary

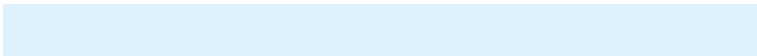
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0601, 85.6026, 104.4017



80.9339, 85.6026, 80.6639



79.4537, 85.6026, 105.7342

Square

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



80.9339, 85.6026, 80.6639



76.8564, 85.6026, 94.4423



81.7930, 85.6026, 106.9866



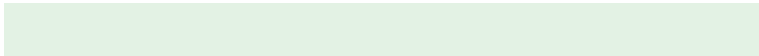
86.0418, 85.6026, 91.9819

Rectangle

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



80.9339, 85.6026, 80.6639



77.6274, 85.6026, 85.8953



81.7930, 85.6026, 106.9866



85.2159, 85.6026, 100.9216

Sweetspot

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



80.9362, 85.6063, 80.6657



93.2097, 98.2513, 102.3309



77.0493, 76.5006, 83.4759



19.8474, 20.9310, 21.5366



0.0000, 0.0000, 0.0000



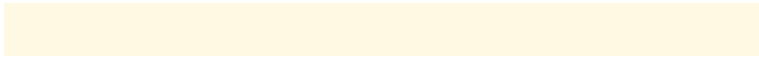
20.3446, 21.4041, 23.3091

Same Dimension

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



80.9362, 85.6063, 80.6657



88.5698, 93.7465, 86.0636



80.8758, 88.2098, 81.1714



17.5278, 18.5397, 17.4523



29.3211, 28.5278, 3.9610



2.6600, 2.6733, 0.3758

Inverse Universe

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



73.6169, 76.8407, 96.5406



79.2102, 82.5376, 106.3643



73.6659, 74.4739, 96.0811



15.9323, 16.6290, 20.9126



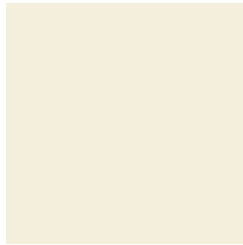
9.9574, 5.7085, 47.1151



0.9553, 0.6620, 4.1677

Previews

White Background



This preview shows how the XYZ color 80.9339, 85.6026, 80.6639 looks on a white background.

Color Contrast Check

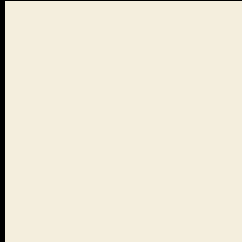
Large Text (above 18pt) WCAG AA × Fail

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 80.9339, 85.6026, 80.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

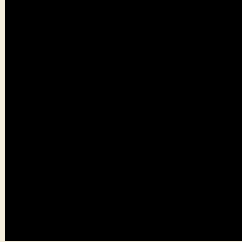
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9339, 85.6026, 80.6639

Background



This preview shows how black text looks on a background with the XYZ color 80.9339, 85.6026, 80.6639.



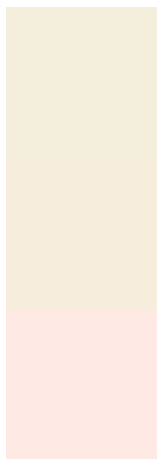
This preview shows how white text looks on a background with the XYZ color 80.9339, 85.6026,

80.6639.

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

80.9339, 85.6026, 80.6639

Protanopia

81.3414, 85.3817, 80.5998

Deuteranopia

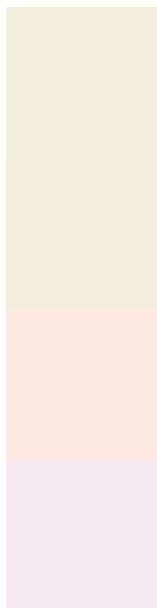
84.5218, 85.1950, 86.1182



Tritanopia

85.4210, 85.2626, 104.0506

Trichromacy



Original Color

80.9339, 85.6026, 80.6639

Protanomaly

80.9915, 85.2013, 80.5834

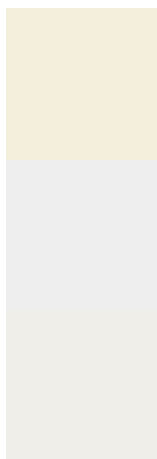
Deuteranomaly

83.2195, 85.4169, 84.0525

Tritanomaly

83.9433, 85.5417, 95.3060

Monochromacy



Original Color

80.9339, 85.6026, 80.6639

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.0752, 85.5005, 88.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9339, 85.6026, 80.6639 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, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 221)  
}
```

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, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 221) }
```

Border

The CSS property to change the border of an element to XYZ 80.9339, 85.6026, 80.6639 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, 238, 221) }
```


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

```
.border{ border-color:rgb(244, 238, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9339, 85.6026, 80.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 221) }
```

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

```
.background{ background-color: rgb(244,  
238, 221) }
```

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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