

Converting Colors

XYZ(78.2977, 85.9294, 83.6935)

Have a look what the booklet for XYZ(78.2977, 85.9294, 83.6935) contains.

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Color

**XYZ(78.2977, 85.9294,
83.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F2E1
RGB	231, 242, 225
RGB Percent	91%, 95%, 88%
CMY	0.0941, 0.0510, 0.1176
CMYK	0.05, 0.00, 0.07, 0.05
HSL	99°, 40%, 92%
HSV	99°, 7%, 95%
XYZ	78.2977, 85.9294, 83.6935
YIQ	236.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

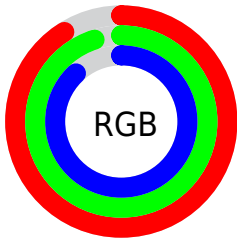
Format	Color
R _Y B	225, 242, 236
Decimal	15200993
CIE Lab	94.28, -6.64, 6.94
CIE LCh	94, 9.602, 133.759
Yxy	85.9294, 0.3158, 0.3466
Android (android.graphics.Color)	4293391073 (0xFFE7F2E1)
YUV	236.7730, -5.8041, -5.0629
Hunter-Lab	92.6981, -11.4512, 11.3581

Details

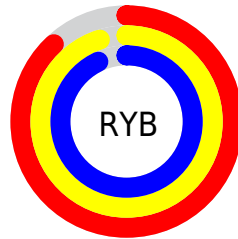
The XYZ color **78.2977, 85.9294, 83.6935** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.5477, 78.0965, 94.9958**, and the grayscale version is **80.3675, 84.5529, 92.0781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4938, 47.1341, 44.8883** is the 20% darker color. If you saturate the color by 10%, you get **70.3972, 82.2138, 67.2944**, and if you desaturate by 10%, it is **87.1234, 90.0728, 102.5820**.

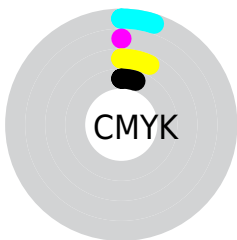
Distribution



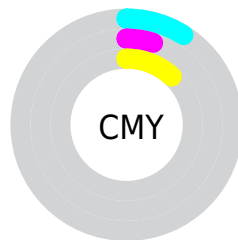
- Red (91%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (93%)



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



- Cyan (9%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2977, 85.9294, 83.6935 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 78.2977, 85.9294, 83.6935 by changing the saturation by 10% instead.


 78.2977, 85.9294,
83.6935

 78.2977, 85.9294,
83.6935


478.0016,
514.6984, 527.3263

 58.6222, 64.6096,
62.2185


129.9328,
141.6710, 140.4043

 42.5543, 47.1446,
44.7723


162.6232,
176.8615, 176.4771

 29.7285, 33.1500,
30.9365


200.3825,
217.4444, 218.2529

 19.7797, 22.2414,
20.2924

243.5762,
263.8041, 266.1503

 12.3423, 14.0344,
12.4216

292.5696,
316.3250, 320.5878

 7.0511, 8.1446,
6.9055

347.7281,

 3.5407, 4.1876,

375.3914, 381.9839

3.3255

409.4170,
441.3877, 450.7573

■ 1.4457, 1.7790,
1.2631

■ 0.2885, 0.4741,
0.0313

■ 78.2977, 85.9294,
83.6935

■ 78.2977, 85.9294,
83.6935

■ 70.3972, 82.2138,
67.2944

■ 87.1234, 90.0728,
102.5820

■ 63.3832, 78.9010,
53.2754

■ 91.0438, 91.9876,
107.5646

■ 57.2250, 75.9800,
41.5274

■ 51.8871, 73.4351,
31.9307

■ 47.3312, 71.2494,
24.3543

■ 43.5158, 69.4047,
18.6534

■ 40.3947, 67.8808,
14.6633

■ 37.9154, 66.6549,
12.1913

■ 36.0140, 65.6993,
10.9898

Harmonies

Analogous

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



80.5018, 85.9294, 80.4586



78.2977, 85.9294, 83.6935



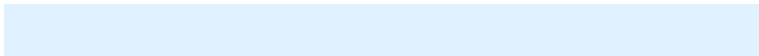
77.0129, 85.9294, 89.6539

Triad

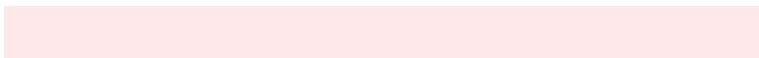
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2977, 85.9294, 83.6935



80.2969, 85.9294, 107.8424



86.5757, 85.9294, 90.2314

Complementary

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



78.2977, 85.9294, 83.6935



77.5477, 78.0965, 94.9958

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.



86.5181, 85.9294, 97.5831



78.2977, 85.9294, 83.6935



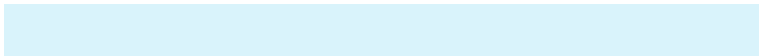
82.8562, 85.9294, 108.0171

Square

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



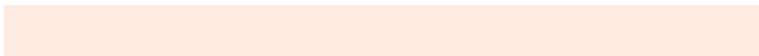
78.2977, 85.9294, 83.6935



78.1504, 85.9294, 103.7128



85.1446, 85.9294, 104.1784



85.3005, 85.9294, 84.0971

Rectangle

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



78.2977, 85.9294, 83.6935



76.8334, 85.9294, 94.4950



85.1446, 85.9294, 104.1784



86.7124, 85.9294, 92.6362

Sweetspot

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



78.3001, 85.9331, 83.6954



93.0357, 99.0552, 104.5764



80.1403, 84.1737, 83.2588



19.9346, 21.2118, 22.4289



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.



78.3001, 85.9331, 83.6954



87.2462, 96.3365, 92.2911



76.7080, 85.0764, 85.2463



16.0921, 17.9276, 16.7620



19.2229, 35.2313, 5.7872



1.7033, 2.9846, 0.4863

Inverse Universe

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



77.5477, 78.0965, 94.9958



86.2853, 86.3282, 106.7230



79.2349, 79.0054, 93.3080



15.8816, 15.7362, 19.9219



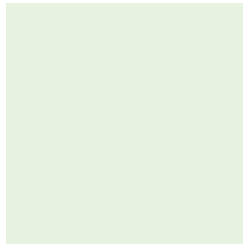
16.1930, 7.3532, 45.6937



1.4545, 0.6671, 3.8063

Previews

White Background



This preview shows how the XYZ color 78.2977, 85.9294, 83.6935 looks on a white background.

Color Contrast Check

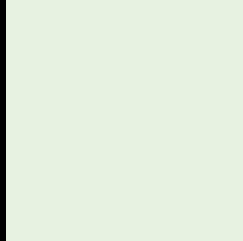
Large Text (above 18pt) WCAG AA × Fail

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 78.2977, 85.9294, 83.6935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

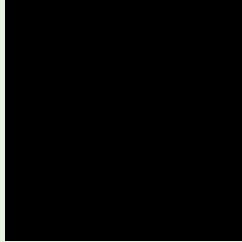
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

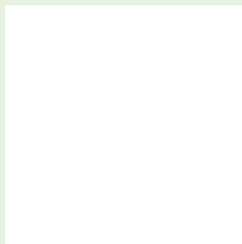
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2977, 85.9294, 83.6935

Background



This preview shows how black text looks on a background with the XYZ color 78.2977, 85.9294, 83.6935.



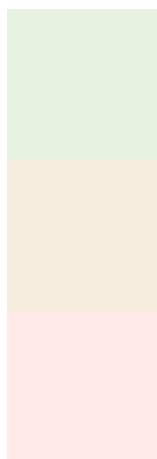
This preview shows how white text looks on a background with the XYZ color 78.2977, 85.9294,

83.6935.

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

78.2977, 85.9294, 83.6935

Protanopia

81.6095, 85.4889, 82.0118

Deuteranopia

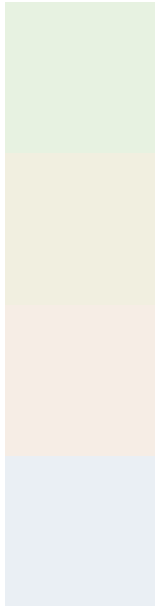
85.2283, 85.9318, 88.4384



Tritanopia

82.9263, 85.6212, 106.7636

Trichromacy



Original Color

78.2977, 85.9294, 83.6935

Protanomaly

80.5967, 85.8156, 82.8372

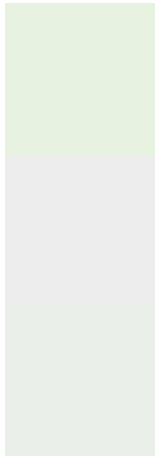
Deuteranomaly

82.4331, 85.8183, 86.3486

Tritanomaly

81.1273, 85.7571, 97.8649

Monochromacy



Original Color

78.2977, 85.9294, 83.6935

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.8354, 85.2784, 89.3434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2977, 85.9294, 83.6935 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(231, 242, 225) looks like.

```
.text, #text, p{  
    color:rgb(231, 242, 225)  
}
```

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(231, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 242, 225) }
```

Border

The CSS property to change the border of an element to XYZ 78.2977, 85.9294, 83.6935 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(231, 242, 225) }
```


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

```
.border{ border-color:rgb(231, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 242,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2977, 85.9294, 83.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 242, 225) }
```

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

```
.background{ background-color: rgb(231,  
242, 225) }
```

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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