

Converting Colors

XYZ(75.4634, 81.9933, 78.3895)

Have a look what the booklet for
XYZ(75.4634, 81.9933, 78.3895)
contains.

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Color

**XYZ(75.2835, 81.8759,
78.1654)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ECDA
RGB	230, 236, 218
RGB Percent	90%, 93%, 85%
CMY	0.0980, 0.0745, 0.1451
CMYK	0.03, 0.00, 0.08, 0.07
HSL	80°, 32%, 89%
HSV	80°, 8%, 93%
XYZ	75.2835, 81.8759, 78.1654
YIQ	232.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

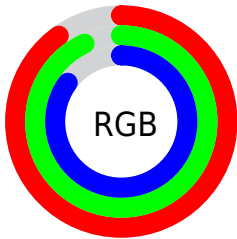
Format	Color
R _Y B	218, 236, 224
Decimal	15133914
CIE Lab	92.52, -5.14, 8.02
CIE LCh	93, 9.528, 122.643
Yxy	81.8759, 0.3199, 0.3479
Android (android.graphics.Color)	4293323994 (0xFFE6ECDA)
YUV	232.1540, -6.9779, -1.8891
Hunter-Lab	90.4853, -9.8378, 12.1223

Details

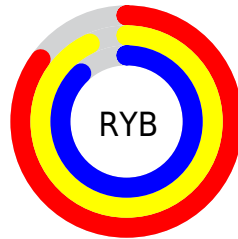
The XYZ color **75.2835, 81.8759, 78.1654** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.9554, 72.0484, 89.5282**, and the grayscale version is **76.8685, 80.8716, 88.0692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3877, 44.2855, 41.0696** is the 20% darker color. If you saturate the color by 10%, you get **69.9440, 79.4575, 62.9259**, and if you desaturate by 10%, it is **81.1814, 84.5361, 95.7299**.

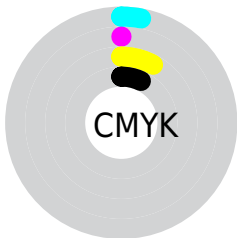
Distribution



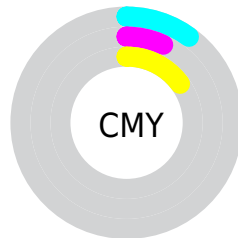
- Red (90%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2835, 81.8759, 78.1654 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 75.2835, 81.8759, 78.1654 by changing the saturation by 10% instead.

75.2835, 81.8759,
78.1654

75.2835, 81.8759,
78.1654

467.8736,
501.2325, 508.2712

56.1402, 61.2632,
57.6926

125.6994,
136.0000, 132.5712

40.5528, 44.4377,
41.1485

157.7026,
170.2802, 167.3414

28.1559, 31.0147,
28.1146

194.7232,
209.8850, 207.7144

18.5843, 20.6101,
18.1722

237.1264,
255.1988, 254.1088

11.4725, 12.8393,
10.9030

285.2777,
306.6061, 306.9431

6.4552, 7.3180,
5.8883

339.5425,

3.1671, 3.6617,

364.4912, 366.6359

2.7096

400.2860,
429.2386, 433.6058

■ 1.2427, 1.4862,
0.9482

■ 0.1397, 0.2790,
0.0000

■ 75.2835, 81.8759,
78.1654

■ 75.2835, 81.8759,
78.1654

■ 69.9440, 79.4575,
62.9259

■ 81.1814, 84.5361,
95.7299

■ 65.1361, 77.2621,
49.9085

■ 85.9631, 86.7606,
106.8235

■ 60.8409, 75.2846,
39.0108

■ 88.7790, 88.2123,
106.9553

■ 57.0353, 73.5156,
30.1201

■ 89.2871, 88.4742,
106.9790

■ 53.6944, 71.9449,
23.1131

■ 50.7907, 70.5614,
17.8531

■ 48.2930, 69.3524,
14.1849

■ 46.1649, 68.3031,
11.9259

■ 44.3582, 67.3941,
10.8312

Harmonies

Analogous

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



77.6015, 81.8759, 76.2242



75.2835, 81.8759, 78.1654



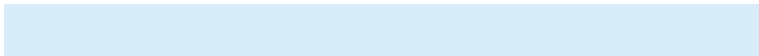
73.6728, 81.8759, 83.0357

Triad

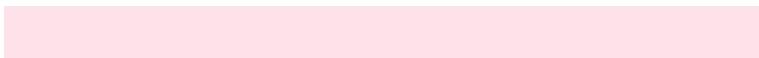
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2835, 81.8759, 78.1654



75.6557, 81.8759, 101.8006



82.6684, 81.8759, 88.5223

Complementary

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



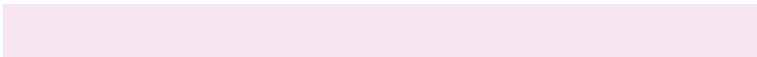
75.2835, 81.8759, 78.1654



70.9554, 72.0484, 89.5282

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.



82.1212, 81.8759, 95.5551



75.2835, 81.8759, 78.1654



78.0401, 81.8759, 103.4578

Square

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



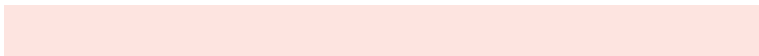
75.2835, 81.8759, 78.1654



73.8845, 81.8759, 96.6990



80.4140, 81.8759, 101.1160



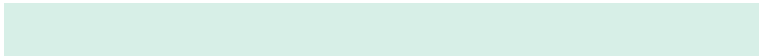
81.8941, 81.8759, 82.0024

Rectangle

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



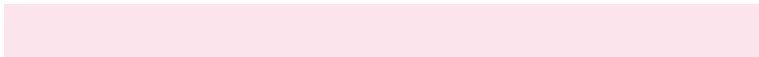
75.2835, 81.8759, 78.1654



73.1988, 81.8759, 87.4163



80.4140, 81.8759, 101.1160



82.6329, 81.8759, 90.9043

Sweetspot

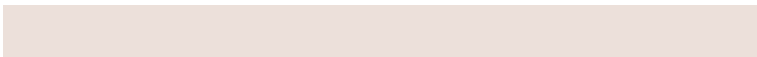
The Sweet Spot groups the original color and five complimentary colors.



75.2858, 81.8794, 78.1672



93.6166, 99.3547, 104.6035



73.9056, 76.2088, 77.1454



20.0529, 21.2728, 22.4345



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

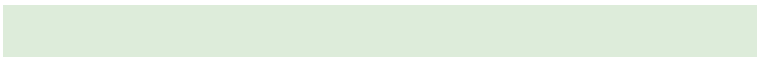
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2858, 81.8794, 78.1672



88.8125, 97.1862, 90.4591



72.4717, 80.4288, 78.0355



15.8356, 17.3608, 16.0351



24.3729, 37.1092, 5.8782



2.0151, 2.9662, 0.4663

Inverse Universe

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



70.9554, 72.0484, 89.5282



82.7554, 83.4349, 106.3506



73.8189, 73.5246, 89.6622



14.7045, 14.7929, 19.0026



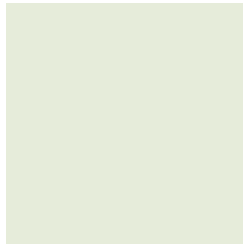
10.2322, 4.3108, 44.0357



0.9022, 0.3894, 3.4625

Previews

White Background



This preview shows how the XYZ color 75.2835, 81.8759, 78.1654 looks on a white background.

Color Contrast Check

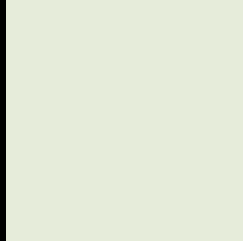
Large Text (above 18pt) WCAG AA × Fail

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 75.2835, 81.8759, 78.1654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

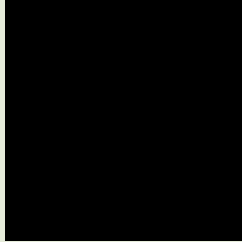
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

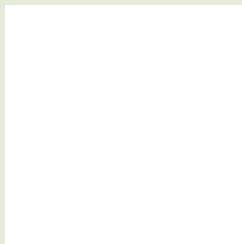
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2835, 81.8759, 78.1654

Background



This preview shows how black text looks on a background with the XYZ color 75.2835, 81.8759, 78.1654.



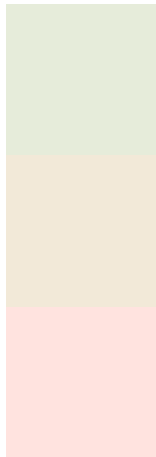
This preview shows how white text looks on a background with the XYZ color 75.2835, 81.8759,

78.1654.

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

75.2835, 81.8759, 78.1654

Protanopia

78.1515, 82.1129, 76.6961

Deuteranopia

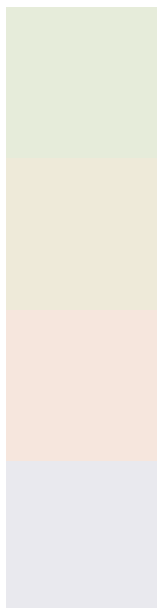
82.0284, 81.5259, 81.2247



Tritanopia

80.0922, 81.7161, 101.9940

Trichromacy



Original Color

75.2835, 81.8759, 78.1654

Protanomaly

77.2071, 82.0325, 77.4103

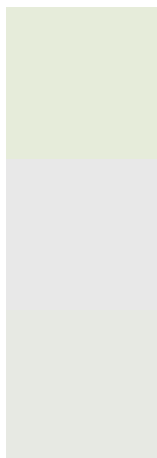
Deuteranomaly

79.3540, 81.4069, 79.9373

Tritanomaly

78.1758, 81.7745, 92.5527

Monochromacy



Original Color

75.2835, 81.8759, 78.1654

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9590, 80.8128, 84.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2835, 81.8759, 78.1654 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(230, 236, 218) looks like.

```
.text, #text, p{  
    color:rgb(230, 236, 218)  
}
```

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(230, 236, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 236, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.2835, 81.8759, 78.1654 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(230, 236, 218) }
```


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

```
.border{ border-color:rgb(230, 236, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 236, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 236, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 236, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 236,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2835, 81.8759, 78.1654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 236, 218) }
```

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

```
.background{ background-color: rgb(230,  
236, 218) }
```

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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