

Converting Colors

XYZ(77.1224, 85.0678, 84.9930)

Have a look what the booklet for
XYZ(77.1224, 85.0678, 84.9930)
contains.

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Color

**XYZ(76.9990, 84.7875,
84.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F1E3
RGB	227, 241, 227
RGB Percent	89%, 95%, 89%
CMY	0.1098, 0.0549, 0.1098
CMYK	0.06, 0.00, 0.06, 0.05
HSL	120°, 33%, 92%
HSV	120°, 6%, 95%
XYZ	76.9990, 84.7875, 84.9804
YIQ	235.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

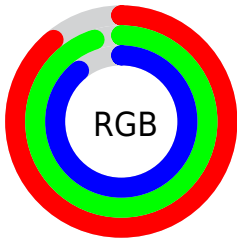
Format	Color
R_{YB}	227, 241, 241
Decimal	14938595
CIE Lab	93.79, -7.13, 5.16
CIE LCh	94, 8.800, 144.141
Yxy	84.7875, 0.3120, 0.3436
Android (android.graphics.Color)	4293128675 (0xFFE3F1E3)
YUV	235.2180, -4.0515, -7.2072
Hunter-Lab	92.0801, -11.8754, 9.7376

Details

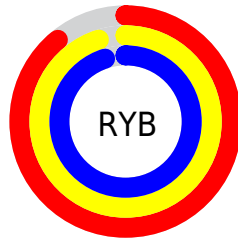
The XYZ color **76.9990, 84.7875, 84.9804** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6250, 79.9920, 94.4666**, and the grayscale version is **79.1657, 83.2884, 90.7011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8086, 46.4471, 45.7914** is the 20% darker color. If you saturate the color by 10%, you get **66.8263, 79.9035, 68.3392**, and if you desaturate by 10%, it is **88.7061, 90.4135, 104.1275**.

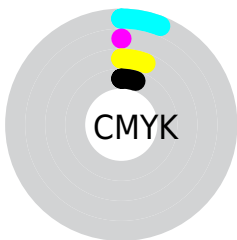
Distribution



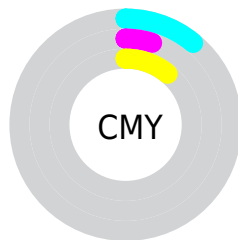
- Red (89%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9990, 84.7875, 84.9804 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 76.9990, 84.7875, 84.9804 by changing the saturation by 10% instead.

76.9990, 84.7875,
84.9804

76.9990, 84.7875,
84.9804

473.6526,
510.9247, 531.7061

57.5520, 63.6658,
63.2751

128.1109,
140.0762, 142.2197

41.6904, 46.3801,
45.6214

160.5065,
175.0121, 178.5908

29.0490, 32.5458,
31.6007

197.9490,
215.3214, 220.6876

19.2624, 21.7788,
20.7944

240.8038,
261.3887, 268.9287

11.9651, 13.6944,
12.7840

289.4362,
313.5983, 323.7325

6.7920, 7.9084,
7.1510

344.2116,

3.3775, 4.0364,

372.3345, 385.5177

3.4768

405.4952,
437.9818, 454.7027

■ 1.3564, 1.6940,
1.3430

■ 0.2248, 0.4197,
0.0966

■ 76.9990, 84.7875,
84.9804

■ 76.9990, 84.7875,
84.9804

■ 66.8263, 79.9035,
68.3392

■ 88.7061, 90.4135,
104.1275

■ 58.1178, 75.7204,
54.0948

■ 90.7469, 91.3938,
107.4656

■ 50.8083, 72.2093,
42.1387

■ 44.8248, 69.3351,
32.3515

■ 40.0878, 67.0597,
24.6034

■ 36.5096, 65.3409,
18.7504

■ 33.9906, 64.1309,
14.6300

■ 32.4147, 63.3739,
12.0524

■ 31.6386, 63.0011,
10.7829

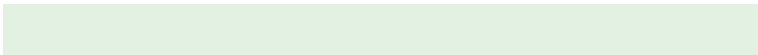
Harmonies

Analogous

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



78.7632, 84.7875, 81.0612



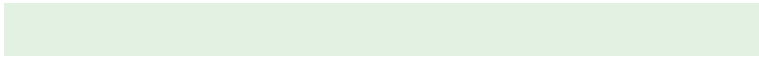
76.9990, 84.7875, 84.9804



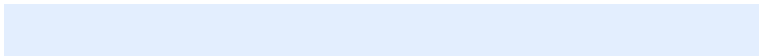
76.1980, 84.7875, 91.0111

Triad

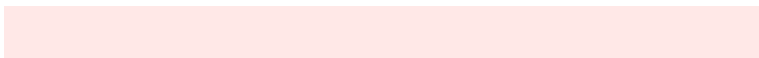
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9990, 84.7875, 84.9804



80.1299, 84.7875, 105.7288



84.7605, 84.7875, 87.1528

Complementary

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



76.9990, 84.7875, 84.9804



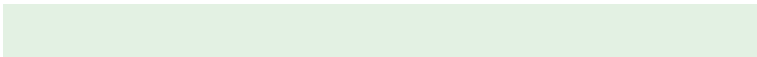
79.6250, 79.9920, 94.4666

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.



85.1435, 84.7875, 93.6397



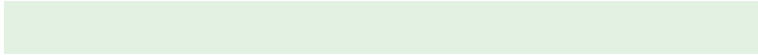
76.9990, 84.7875, 84.9804



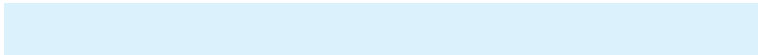
82.4407, 84.7875, 104.5740

Square

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



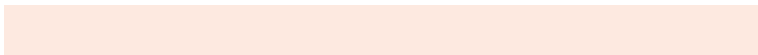
76.9990, 84.7875, 84.9804



77.9830, 84.7875, 103.1523



84.2868, 84.7875, 100.0687



83.2503, 84.7875, 82.2724

Rectangle

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



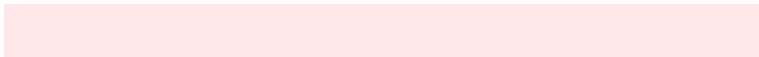
76.9990, 84.7875, 84.9804



76.3066, 84.7875, 95.5006



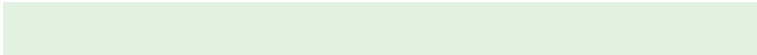
84.2868, 84.7875, 100.0687



85.0265, 84.7875, 89.2092

Sweetspot

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



77.0014, 84.7911, 84.9823



92.3882, 98.7214, 104.5461



81.5998, 87.1617, 85.1974



19.8027, 21.1438, 22.4228



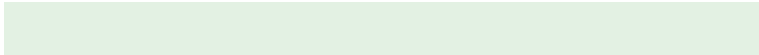
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

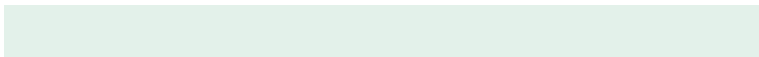
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0014, 84.7911, 84.9823



86.0432, 95.6736, 94.1677



77.9878, 85.1857, 90.1767



15.9903, 17.8602, 17.4314



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

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



79.6250, 79.9920, 94.4666



89.6176, 89.1353, 107.0891



78.5988, 79.5815, 89.0627



16.7102, 16.5433, 20.0340



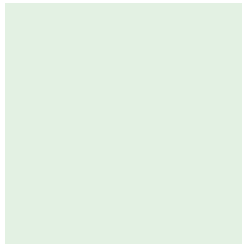
28.2812, 13.5849, 46.2586



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 76.9990, 84.7875, 84.9804 looks on a white background.

Color Contrast Check

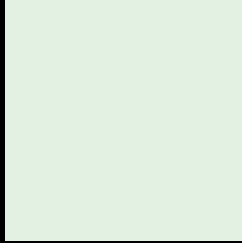
Large Text (above 18pt) WCAG AA × Fail

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 76.9990, 84.7875, 84.9804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

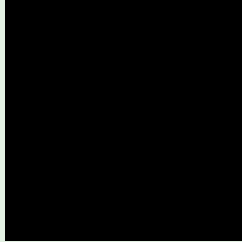
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

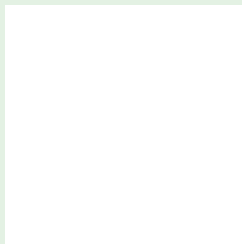
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9990, 84.7875, 84.9804

Background



This preview shows how black text looks on a background with the XYZ color 76.9990, 84.7875, 84.9804.



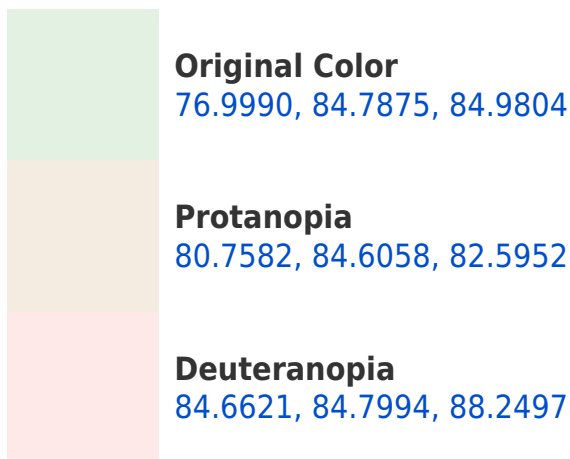
This preview shows how white text looks on a background with the XYZ color 76.9990, 84.7875, 84.9804.

84.9804.

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

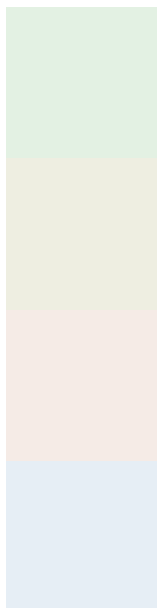




Tritanopia

81.6129, 84.9442, 106.7021

Trichromacy



Original Color

76.9990, 84.7875, 84.9804

Protanomaly

79.4250, 84.7625, 83.4088

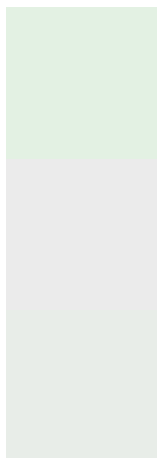
Deuteranomaly

81.6474, 84.5423, 86.8779

Tritanomaly

79.6891, 84.5646, 98.5087

Monochromacy



Original Color

76.9990, 84.7875, 84.9804

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.1284, 83.5504, 88.3530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9990, 84.7875, 84.9804 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(227, 241, 227) looks like.

```
.text, #text, p{  
    color:rgb(227, 241, 227)  
}
```

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(227, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 241, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.9990, 84.7875, 84.9804 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(227, 241, 227) }
```


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

```
.border{ border-color:rgb(227, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 241,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9990, 84.7875, 84.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 241, 227) }
```

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

```
.background{ background-color: rgb(227,  
241, 227) }
```

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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