

Converting Colors

XYZ(74.1991, 80.8731, 83.8018)

Have a look what the booklet for
XYZ(74.1991, 80.8731, 83.8018)
contains.

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Color

**XYZ(74.1763, 80.7549,
83.6293)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EBE2
RGB	224, 235, 226
RGB Percent	88%, 92%, 89%
CMY	0.1216, 0.0784, 0.1137
CMYK	0.05, 0.00, 0.04, 0.08
HSL	131°, 22%, 90%
HSV	131°, 5%, 92%
XYZ	74.1763, 80.7549, 83.6293
YIQ	230.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

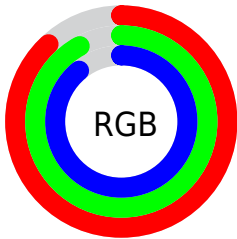
Format	Color
R _{YB}	224, 233, 235
Decimal	14740450
CIE Lab	92.02, -5.27, 3.09
CIE LCh	92, 6.111, 149.665
Yxy	80.7549, 0.3109, 0.3385
Android (android.graphics.Color)	4292930530 (0xFFE0EBE2)
YUV	230.6850, -2.3097, -5.8627
Hunter-Lab	89.8637, -9.9221, 7.7279

Details

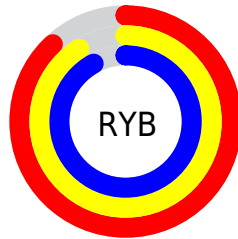
The XYZ color **74.1763, 80.7549, 83.6293** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6276, 76.8588, 87.9440**, and the grayscale version is **75.7420, 79.6865, 86.7786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8330, 43.6155, 44.8473** is the 20% darker color. If you saturate the color by 10%, you get **64.8981, 76.2621, 70.1855**, and if you desaturate by 10%, it is **84.7617, 85.8920, 98.6824**.

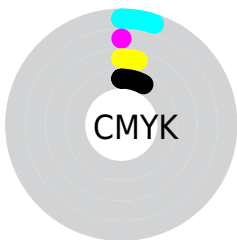
Distribution



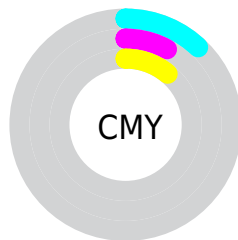
- Red (88%)
- Green (92%)
- Blue (89%)



- Red (88%)
- Yellow (91%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1763, 80.7549, 83.6293 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 74.1763, 80.7549, 83.6293 by changing the saturation by 10% instead.

■ 74.1763, 80.7549,
83.6293

■ 74.1763, 80.7549,
83.6293

464.1225,
497.4733, 527.1073

■ 55.2301, 60.3398,
62.1658

124.1399,
134.4266, 140.3136

■ 39.8206, 43.6925,
44.7300

155.8880,
168.4519, 176.3715

■ 27.5823, 30.4289,
30.9034

192.6341,
207.7827, 218.1313

■ 18.1498, 20.1643,
20.2675

234.7436,
252.8034, 266.0115

■ 11.1580, 12.5146,
12.4036

282.5818,
303.8984, 320.4306

■ 6.2413, 7.0951,
6.8933

336.5142,

■ 3.0344, 3.5217,

361.4522, 381.8073

3.3180

396.9059,
425.8490, 450.5600

■ 1.1720, 1.4098,
1.2592

■ 0.0841, 0.2239,
0.0280

■ 74.1763, 80.7549,
83.6293

■ 74.1763, 80.7549,
83.6293

■ 64.8981, 76.2621,
70.1855

■ 84.7617, 85.8920,
98.6824

■ 56.8694, 72.3781,
58.2925

■ 88.9999, 87.8997,
106.8833

■ 50.0386, 69.0797,
47.8961

■ 44.3474, 66.3382,
38.9368

■ 39.7328, 64.1224,
31.3514

■ 36.1258, 62.3981,
25.0717

■ 33.4487, 61.1270,
20.0237

■ 31.6126, 60.2648,
16.1261

■ 30.5097, 59.7580,
13.2874

Harmonies

Analogous

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



75.2691, 80.7549, 80.6203



74.1763, 80.7549, 83.6293



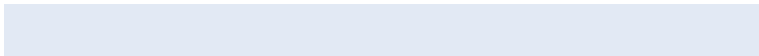
73.7727, 80.7549, 87.8778

Triad

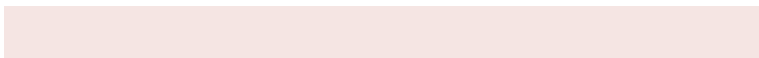
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1763, 80.7549, 83.6293



76.7375, 80.7549, 96.8700



79.4111, 80.7549, 83.7140

Complementary

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



74.1763, 80.7549, 83.6293



75.6276, 76.8588, 87.9440

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.



79.8169, 80.7549, 87.9789



74.1763, 80.7549, 83.6293



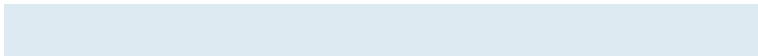
78.2605, 80.7549, 95.6652

Square

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



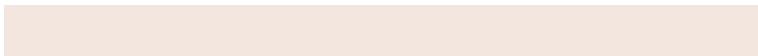
74.1763, 80.7549, 83.6293



75.2389, 80.7549, 95.6117



79.3930, 80.7549, 92.3723



78.2915, 80.7549, 80.6681

Rectangle

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



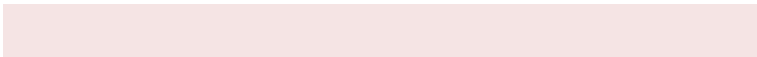
74.1763, 80.7549, 83.6293



73.9444, 80.7549, 90.8732



79.3930, 80.7549, 92.3723



79.6362, 80.7549, 85.0479

Sweetspot

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



74.1786, 80.7584, 83.6311



93.7839, 99.3859, 107.0967



76.8249, 82.1541, 82.3305



20.0870, 21.2791, 22.9421



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

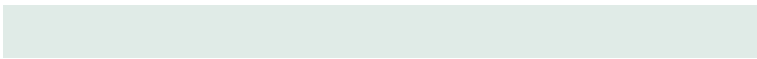
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1786, 80.7584, 83.6311



87.6928, 96.4325, 98.3751



74.9224, 81.0559, 87.5479



15.5602, 17.1880, 17.4159



16.8073, 33.1774, 6.9501



1.3516, 2.6180, 0.7136

Inverse Universe

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



75.6276, 76.8588, 87.9440



89.9173, 90.4459, 104.9962



74.8766, 76.5584, 83.9894



15.9958, 16.0155, 18.7126



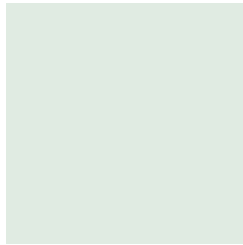
24.4243, 11.9724, 29.0995



1.9485, 0.9523, 2.4460

Previews

White Background



This preview shows how the XYZ color 74.1763, 80.7549, 83.6293 looks on a white background.

Color Contrast Check

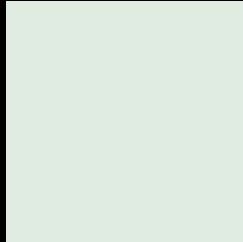
Large Text (above 18pt) WCAG AA × Fail

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 74.1763, 80.7549, 83.6293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

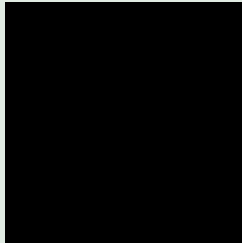
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

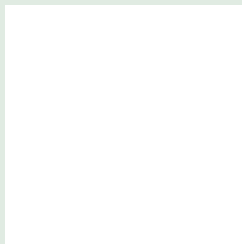
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1763, 80.7549, 83.6293

Background



This preview shows how black text looks on a background with the XYZ color 74.1763, 80.7549, 83.6293.

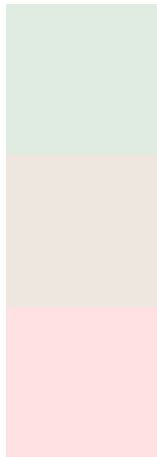


This preview shows how white text looks on a background with the XYZ color 74.1763, 80.7549,

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

74.1763, 80.7549, 83.6293

Protanopia

77.2904, 80.7108, 82.0261

Deuteranopia

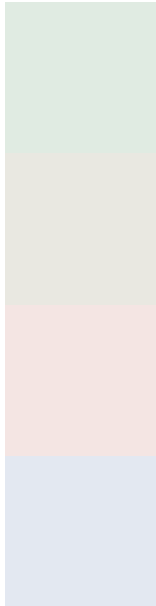
82.1688, 80.7119, 84.6470



Tritanopia

77.8261, 80.5479, 101.8879

Trichromacy



Original Color

74.1763, 80.7549, 83.6293

Protanomaly

76.0515, 80.4731, 82.7587

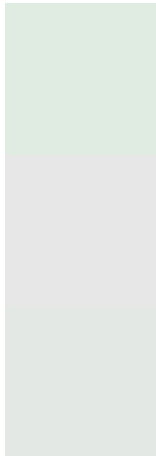
Deuteranomaly

79.1927, 80.8178, 84.0985

Tritanomaly

76.4124, 80.3950, 94.7095

Monochromacy



Original Color

74.1763, 80.7549, 83.6293

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.9944, 79.8643, 85.5915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1763, 80.7549, 83.6293 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(224, 235, 226) looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 226)  
}
```

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(224, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.1763, 80.7549, 83.6293 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(224, 235, 226) }
```


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

```
.border{ border-color:rgb(224, 235, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 235, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 235,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1763, 80.7549, 83.6293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 226) }
```

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

```
.background{ background-color: rgb(224,  
235, 226) }
```

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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