

Converting Colors

XYZ(74.0346, 78.5197, 83.3022)

Have a look what the booklet for
XYZ(74.0346, 78.5197, 83.3022)
contains.

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Color

**XYZ(74.0192, 78.5786,
83.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E6E2
RGB	228, 230, 226
RGB Percent	89%, 90%, 89%
CMY	0.1059, 0.0980, 0.1137
CMYK	0.01, 0.00, 0.02, 0.10
HSL	90°, 7%, 89%
HSV	90°, 2%, 90%
XYZ	74.0192, 78.5786, 83.2175
YIQ	228.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

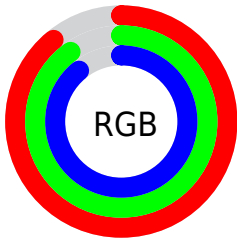
Format	Color
R_{YB}	226, 230, 228
Decimal	15001314
CIE Lab	91.04, -1.38, 1.70
CIE LCh	91, 2.188, 129.053
Yxy	78.5786, 0.3139, 0.3332
Android (android.graphics.Color)	4293191394 (0xFFE4E6E2)
YUV	228.9460, -1.4524, -0.8296
Hunter-Lab	88.6446, -6.0785, 6.3911

Details

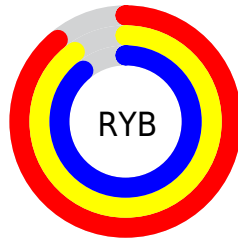
The XYZ color **74.0192, 78.5786, 83.2175** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.4772, 76.6020, 85.7800**, and the grayscale version is **74.4487, 78.3258, 85.2968**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9142, 42.4845, 44.6247** is the 20% darker color. If you saturate the color by 10%, you get **67.5416, 75.5821, 67.5296**, and if you desaturate by 10%, it is **81.1679, 81.8767, 101.1501**.

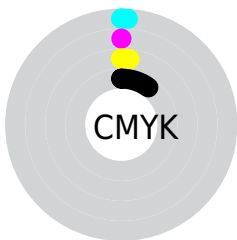
Distribution



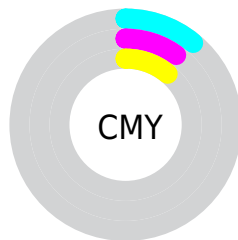
- Red (89%)
- Green (90%)
- Blue (89%)



- Red (89%)
- Yellow (90%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0192, 78.5786, 83.2175 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 74.0192, 78.5786, 83.2175 by changing the saturation by 10% instead.

■ 74.0192, 78.5786,
83.2175

■ 74.0192, 78.5786,
83.2175

463.5889,
490.1296, 525.7011

■ 55.1011, 58.5494,
61.8279

123.9184,
131.3654, 139.7320

■ 39.7168, 42.2505,
44.4588

155.6302,
164.8919, 175.6940

■ 27.5011, 29.2975,
30.6915

192.3372,
203.6862, 217.3506

■ 18.0884, 19.3060,
20.1076

234.4049,
248.1328, 265.1203

■ 11.1136, 11.8916,
12.2884

282.1985,
298.6160, 319.4217

■ 6.2111, 6.6699,
6.8155

336.0835,

■ 3.0158, 3.2565,

355.5203, 380.6732

3.2703

396.4252,
419.2300, 449.2935

■ 1.1621, 1.2671,
1.2342

■ 0.0761, 0.1155,
0.0070

■ 74.0192, 78.5786,
83.2175

■ 74.0192, 78.5786,
83.2175

■ 67.5416, 75.5821,
67.5296

■ 81.1679, 81.8767,
101.1501

■ 61.7070, 72.8678,
53.9929

■ 86.1415, 84.3308,
106.3451

■ 56.4950, 70.4296,
42.5150

■ 87.5883, 85.0767,
106.4128

■ 51.8814, 68.2571,
32.9946

■ 47.8402, 66.3394,
25.3220

■ 44.3433, 64.6647,
19.3766

■ 41.3595, 63.2197,
15.0235

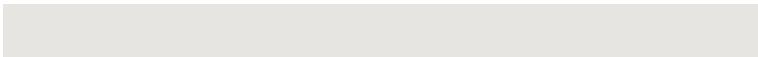
■ 38.8536, 61.9899,
12.1077

■ 36.7844, 60.9579,
10.4433

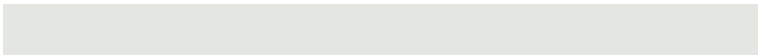
Harmonies

Analogous

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



74.5195, 78.5786, 82.5889



74.0192, 78.5786, 83.2175



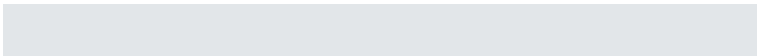
73.6987, 78.5786, 84.4755

Triad

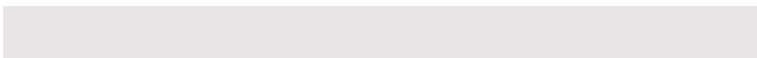
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0192, 78.5786, 83.2175



74.3074, 78.5786, 88.4320



75.7407, 78.5786, 85.0808

Complementary

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



74.0192, 78.5786, 83.2175



73.4772, 76.6020, 85.7800

Split Complementary

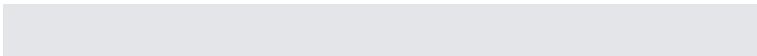
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6833, 78.5786, 86.6511



74.0192, 78.5786, 83.2175



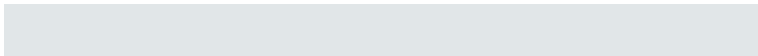
74.8539, 78.5786, 88.5990

Square

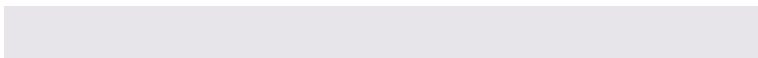
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



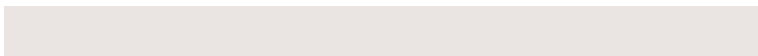
74.0192, 78.5786, 83.2175



73.8646, 78.5786, 87.4902



75.3580, 78.5786, 87.9435



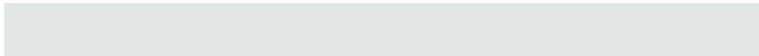
75.5147, 78.5786, 83.6559

Rectangle

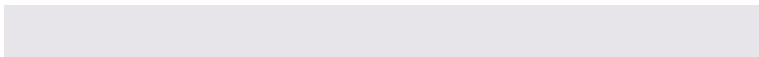
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



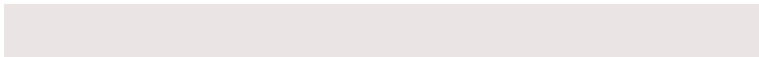
74.0192, 78.5786, 83.2175



73.6293, 78.5786, 85.5085



75.3580, 78.5786, 87.9435



75.7540, 78.5786, 85.6090

Sweetspot

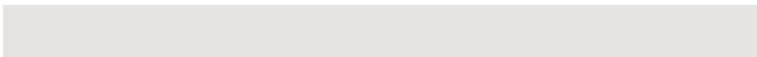
The Sweet Spot groups the original color and five complimentary colors.



74.0214, 78.5820, 83.2192



94.1741, 99.5956, 106.7302



74.1070, 77.8038, 83.0645



20.1664, 21.3218, 22.8675



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.



74.0214, 78.5820, 83.2192



93.3067, 99.1949, 104.5890



73.3906, 78.2568, 83.1897



15.9400, 16.9353, 17.8911



20.1548, 34.1717, 5.5335



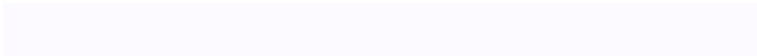
1.5965, 2.5804, 0.4139

Inverse Universe

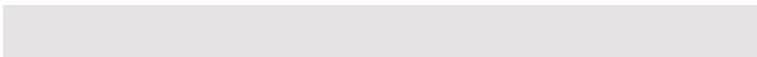
The Inverse Universe completely reimagines the original color for something new.



73.4772, 76.6020, 85.7800



92.5136, 96.3092, 108.3213



74.1154, 76.9310, 85.8098



15.8126, 16.4720, 18.4903



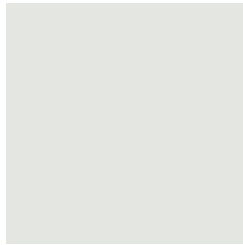
12.2391, 5.3754, 42.7757



1.0116, 0.4525, 3.1660

Previews

White Background



This preview shows how the XYZ color 74.0192, 78.5786, 83.2175 looks on a white background.

Color Contrast Check

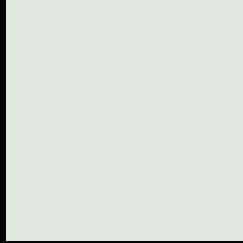
Large Text (above 18pt) WCAG AA × Fail

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 74.0192, 78.5786, 83.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

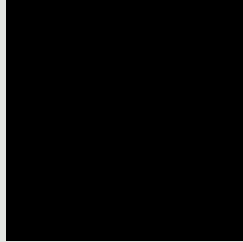
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

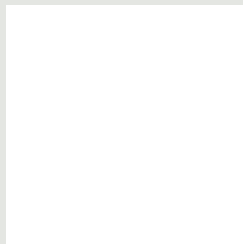
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0192, 78.5786, 83.2175

Background



This preview shows how black text looks on a background with the XYZ color 74.0192, 78.5786, 83.2175.



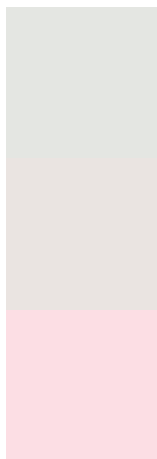
This preview shows how white text looks on a background with the XYZ color 74.0192, 78.5786,

83.2175.

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

74.0192, 78.5786, 83.2175

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

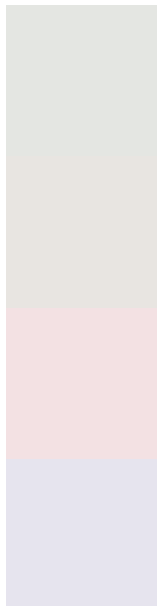
80.2698, 78.5394, 84.3277



Tritanopia

76.9055, 78.5197, 97.4887

Trichromacy



Original Color

74.0192, 78.5786, 83.2175

Protanomaly

74.8886, 78.6307, 82.4643

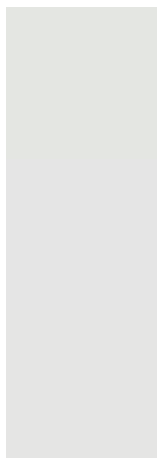
Deuteranomaly

77.7525, 78.4512, 83.7176

Tritanomaly

75.8091, 78.4828, 92.0421

Monochromacy



Original Color

74.0192, 78.5786, 83.2175

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3360, 78.2981, 84.5939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0192, 78.5786, 83.2175 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(228, 230, 226) looks like.

```
.text, #text, p{  
    color:rgb(228, 230, 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(228, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.0192, 78.5786, 83.2175 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(228, 230, 226) }
```


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

```
.border{ border-color:rgb(228, 230, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 230, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 230,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0192, 78.5786, 83.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 230, 226) }
```

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

```
.background{ background-color: rgb(228,  
230, 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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