

Converting Colors

XYZ(73.5914, 78.1228, 86.4278)

Have a look what the booklet for
XYZ(73.5914, 78.1228, 86.4278)
contains.

XYZ(73.6311, 78.3144, 86.0983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.6311, 78.3144,
86.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E6E6
RGB	225, 230, 230
RGB Percent	88%, 90%, 90%
CMY	0.1176, 0.0980, 0.0980
CMYK	0.02, 0.00, 0.00, 0.10
HSL	180°, 9%, 89%
HSV	180°, 2%, 90%
XYZ	73.6311, 78.3144, 86.0983
YIQ	228.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

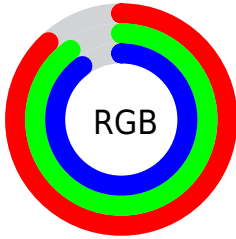
Format	Color
R_{YB}	225, 228, 230
Decimal	14804710
CIE Lab	90.92, -1.67, -0.59
CIE LCh	91, 1.769, 199.628
Yxy	78.3144, 0.3093, 0.3290
Android (android.graphics.Color)	4292994790 (0xFFE1E6E6)
YUV	228.5050, 0.7370, -3.0739
Hunter-Lab	88.4954, -6.3491, 4.2628

Details

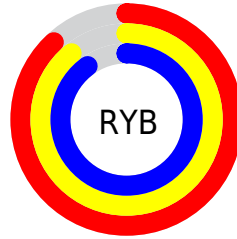
The XYZ color **73.6311, 78.3144, 86.0983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1519, 76.1117, 82.0736**, and the grayscale version is **74.1109, 77.9704, 84.9098**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6454, 42.3011, 46.6328** is the 20% darker color. If you saturate the color by 10%, you get **66.9364, 74.8656, 85.7734**, and if you desaturate by 10%, it is **81.2962, 82.2678, 86.4718**.

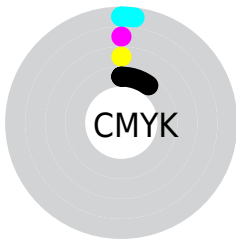
Distribution



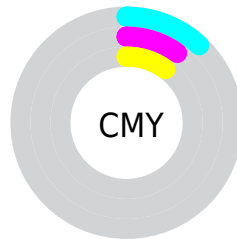
- Red (88%)
- Green (90%)
- Blue (90%)



- Red (88%)
- Yellow (89%)
- Blue (90%)



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



- Cyan (12%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6311, 78.3144, 86.0983 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 73.6311, 78.3144, 86.0983 by changing the saturation by 10% instead.

■ 73.6311, 78.3144,
86.0983

■ 73.6311, 78.3144,
86.0983

462.2692,
489.2339, 535.4944

■ 54.7824, 58.3323,
64.1939

123.3710,
130.9932, 143.7944

■ 39.4607, 42.0758,
46.3606

154.9930,
164.4587, 180.4232

■ 27.3006, 29.1607,
32.1797

191.6033,
203.1875, 222.7972

■ 17.9369, 19.2024,
21.2329

233.5675,
247.5639, 271.3350

■ 11.0041, 11.8166,
13.1014

281.2508,
297.9724, 326.4550

■ 6.1369, 6.6189,
7.3669

335.0186,

■ 2.9700, 3.2250,

354.7972, 388.5759

3.6107

395.2363,
418.4230, 458.1162

■ 1.1379, 1.2503,
1.4143

■ 0.0565, 0.1022,
0.1528

■ 73.6311, 78.3144,
86.0983

■ 73.6311, 78.3144,
86.0983

■ 66.9364, 74.8656,
85.7734

■ 81.2962, 82.2678,
86.4718

■ 61.1670, 71.8917,
85.4903


■ 83.8265, 83.5720,
86.6034


■ 56.2842, 69.3748,
85.2486


■ 83.8291, 83.5730,
86.6167


■ 52.2442, 67.2924,
85.0464


■ 83.8316, 83.5740,
86.6300


 48.9991, 65.6198,
84.8813

 83.8341, 83.5750,
86.6432


 46.4967, 64.3300,
84.7511


 83.8366, 83.5760,
86.6565


 44.6780, 63.3928,
84.6528

 83.8392, 83.5770,
86.6698

 43.4757, 62.7732,
84.5834

 83.8417, 83.5780,
86.6831

 42.8082, 62.4294,
84.5390

 83.8442, 83.5790,
86.6964

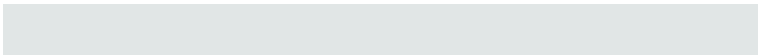
Harmonies

Analogous

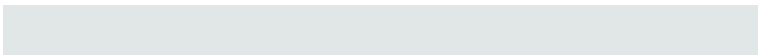
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5956, 78.3144, 84.8299



73.6311, 78.3144, 86.0983



73.8817, 78.3144, 87.1549

Triad

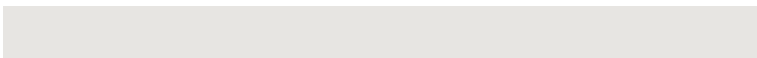
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6311, 78.3144, 86.0983



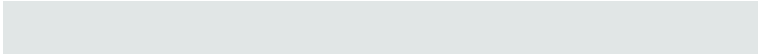
75.0904, 78.3144, 86.8710



74.5899, 78.3144, 82.8792

Complementary

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



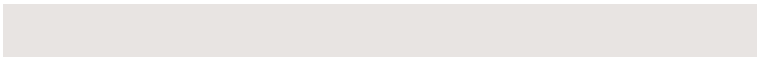
73.6311, 78.3144, 86.0983



73.1519, 76.1117, 82.0736

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.



74.9921, 78.3144, 83.4146



73.6311, 78.3144, 86.0983



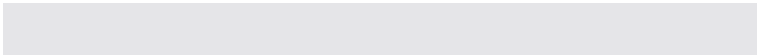
75.2818, 78.3144, 85.7138

Square

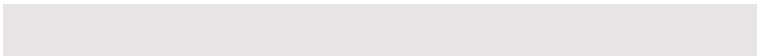
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



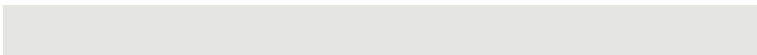
73.6311, 78.3144, 86.0983



74.7238, 78.3144, 87.6041



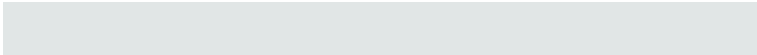
75.2457, 78.3144, 84.4492



74.1479, 78.3144, 82.9798

Rectangle

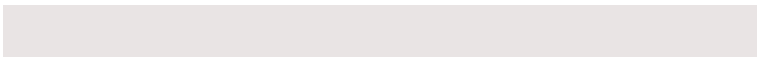
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6311, 78.3144, 86.0983



74.1375, 78.3144, 87.5930



75.2457, 78.3144, 84.4492



74.7343, 78.3144, 82.9905

Sweetspot

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



73.6333, 78.3177, 86.1000



94.1177, 99.5194, 108.8547



72.9670, 78.0542, 82.4555



20.1549, 21.3063, 23.2999



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.



73.6333, 78.3177, 86.1000



92.2904, 98.5775, 108.7658



72.9654, 76.9811, 85.8801



15.6325, 16.7618, 18.5547



24.0922, 35.2690, 47.8474



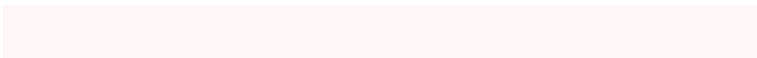
1.7805, 2.6063, 3.5366

Inverse Universe

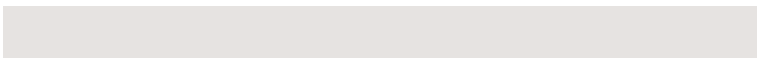
The Inverse Universe completely reimagines the original color for something new.



73.1519, 76.1117, 82.0736



91.4514, 94.7332, 101.7493



73.8099, 77.4285, 82.2903



15.4540, 15.9437, 17.0615



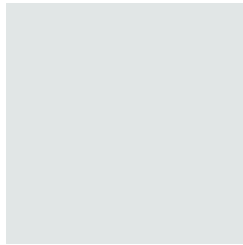
18.4758, 9.5245, 0.8686



1.3655, 0.7039, 0.0650

Previews

White Background



This preview shows how the XYZ color 73.6311, 78.3144, 86.0983 looks on a white background.

Color Contrast Check

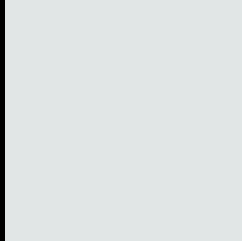
Large Text (above 18pt) WCAG AA × Fail

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 73.6311, 78.3144, 86.0983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

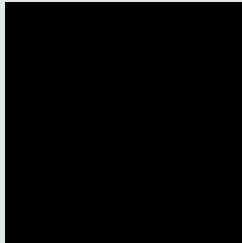
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

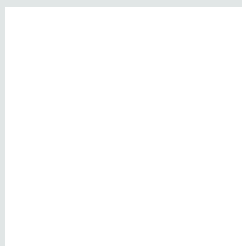
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6311, 78.3144, 86.0983

Background



This preview shows how black text looks on a background with the XYZ color 73.6311, 78.3144, 86.0983.



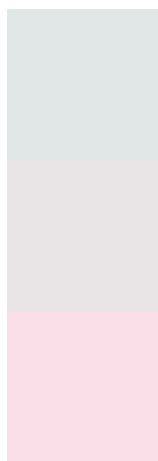
This preview shows how white text looks on a background with the XYZ color 73.6311, 78.3144,

86.0983.

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

73.6311, 78.3144, 86.0983

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

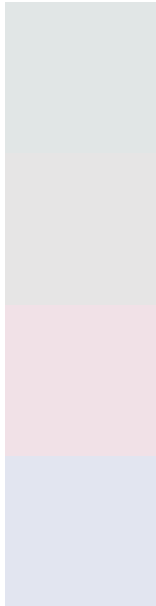
80.1111, 78.3927, 87.2529



Tritanopia

76.0565, 78.4715, 98.3267

Trichromacy



Original Color

73.6311, 78.3144, 86.0983

Protanomaly

74.7953, 78.5188, 85.3422

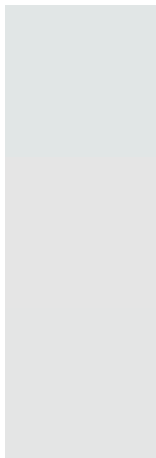
Deuteranomaly

77.6246, 78.3207, 86.6275

Tritanomaly

75.1115, 78.4986, 93.6310

Monochromacy



Original Color

73.6311, 78.3144, 86.0983

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1571, 78.1897, 85.3124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6311, 78.3144, 86.0983 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(225, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 230)  
}
```

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(225, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.6311, 78.3144, 86.0983 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(225, 230, 230) }
```


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

```
.border{ border-color:rgb(225, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6311, 78.3144, 86.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 230) }
```

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

```
.background{ background-color: rgb(225,  
230, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor