

Converting Colors

XYZ(72.6514, 78.6624, 85.5781)

Have a look what the booklet for
XYZ(72.6514, 78.6624, 85.5781)
contains.

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Color

**XYZ(72.5147, 78.5860,
85.4754)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE8E5
RGB	220, 232, 229
RGB Percent	86%, 91%, 90%
CMY	0.1372, 0.0902, 0.1020
CMYK	0.05, 0.00, 0.01, 0.09
HSL	165°, 21%, 89%
HSV	165°, 5%, 91%
XYZ	72.5147, 78.5860, 85.4754
YIQ	228.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

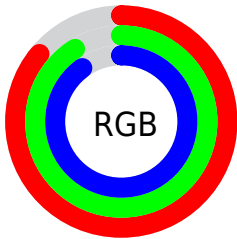
Format	Color
R_{YB}	220, 227, 232
Decimal	14477541
CIE Lab	91.05, -4.53, 0.07
CIE LCh	91, 4.532, 179.169
Yxy	78.5860, 0.3065, 0.3322
Android (android.graphics.Color)	4292667621 (0xFFDCE8E5)
YUV	228.0700, 0.4585, -7.0774
Hunter-Lab	88.6487, -9.1223, 4.8865

Details

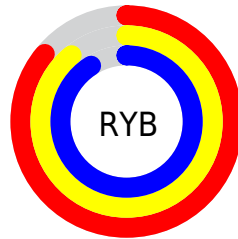
The XYZ color **72.5147, 78.5860, 85.4754** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.1941, 73.6721, 80.2310**, and the grayscale version is **73.7959, 77.6390, 84.5489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6824, 42.1060, 46.1329** is the 20% darker color. If you saturate the color by 10%, you get **65.1778, 74.8980, 80.9723**, and if you desaturate by 10%, it is **80.8577, 82.7939, 90.1704**.

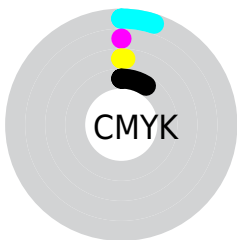
Distribution



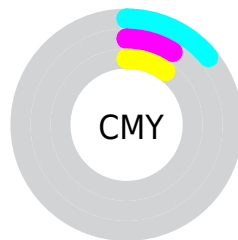
- Red (86%)
- Green (91%)
- Blue (90%)



- Red (86%)
- Yellow (89%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5147, 78.5860, 85.4754 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 72.5147, 78.5860, 85.4754 by changing the saturation by 10% instead.

■ 72.5147, 78.5860,
85.4754

■ 72.5147, 78.5860,
85.4754

458.4610,
490.1547, 533.3854

■ 53.8662, 58.5555,
63.6819

121.7949,
131.3759, 142.9172

■ 38.7249, 42.2554,
45.9485

153.1572,
164.9040, 179.4026

■ 26.7256, 29.3013,
31.8568

189.4883,
203.7002, 221.6224

■ 17.5028, 19.3089,
20.9882

231.1534,
248.1487, 269.9950

■ 10.6911, 11.8937,
12.9242

278.5178,
298.6340, 324.9391

■ 5.9253, 6.6713,
7.2463

331.9470,

■ 2.8399, 3.2574,

355.5405, 386.8732

3.5358

391.8063,
419.2526, 456.2157

■ 1.0697, 1.2676,
1.3743

■ 0.0000, 0.1159,
0.1216

■ 72.5147, 78.5860,
85.4754

■ 72.5147, 78.5860,
85.4754

■ 65.1778, 74.8980,
80.9723

■ 80.8577, 82.7939,
90.1704

■ 58.8001, 71.6992,
76.6525

■ 85.9175, 85.3039,
94.8530

■ 53.3409, 68.9708,
72.5146

■ 86.7969, 85.6557,
99.4842

■ 48.7541, 66.6891,
68.5549

■ 87.7043, 86.0186,
104.2622

■ 44.9892, 64.8281,
64.7696

■ 88.1481, 86.1962,
106.5994

■ 41.9907, 63.3592,
61.1546

■ 39.6960, 62.2502,
57.7057

■ 38.0322, 61.4636,
54.4178

■ 36.9098, 60.9531,
51.2852

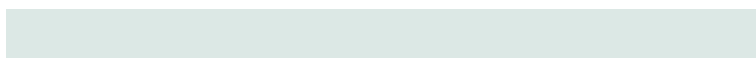
Harmonies

Analogous

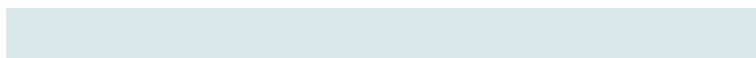
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8198, 78.5860, 82.3771



72.5147, 78.5860, 85.4754



72.7884, 78.5860, 88.6755

Triad

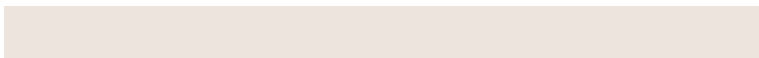
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5147, 78.5860, 85.4754



75.7714, 78.5860, 91.1890



75.8272, 78.5860, 80.2681

Complementary

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



72.5147, 78.5860, 85.4754



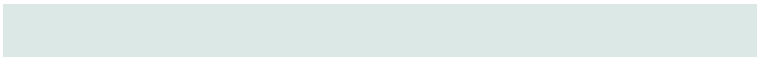
72.1941, 73.6721, 80.2310

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.



76.6318, 78.5860, 82.5316



72.5147, 78.5860, 85.4754



76.5993, 78.5860, 88.8378

Square

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



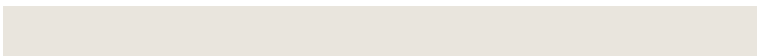
72.5147, 78.5860, 85.4754



74.6617, 78.5860, 92.0248



76.9158, 78.5860, 85.6583



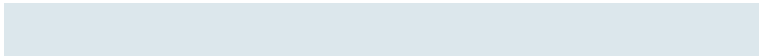
74.7256, 78.5860, 79.4183

Rectangle

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



72.5147, 78.5860, 85.4754



73.2640, 78.5860, 90.4248



76.9158, 78.5860, 85.6583



76.1418, 78.5860, 80.8860

Sweetspot

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



72.5169, 78.5893, 85.4771



92.9937, 98.9636, 107.7348



72.2705, 78.6038, 79.0744



19.9260, 21.1931, 23.0720



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.



72.5169, 78.5893, 85.4771



89.0330, 96.9687, 105.4328



72.1579, 77.1943, 87.4447



15.0978, 16.4992, 17.9351



20.3115, 33.7567, 27.9386



1.5375, 2.5091, 2.2572

Inverse Universe

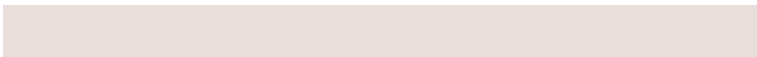
The Inverse Universe completely reimagines the original color for something new.



72.1941, 73.6721, 80.2310



88.5695, 89.9067, 97.8987



72.5339, 74.9940, 78.3638



15.0114, 15.1828, 16.5306



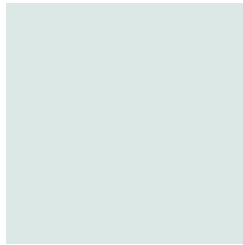
18.9423, 9.7111, 3.3252



1.4364, 0.7323, 0.4384

Previews

White Background



This preview shows how the XYZ color 72.5147, 78.5860, 85.4754 looks on a white background.

Color Contrast Check

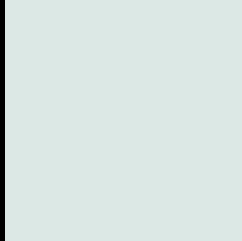
Large Text (above 18pt) WCAG AA × Fail

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 72.5147, 78.5860, 85.4754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

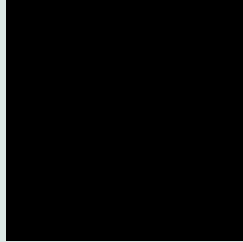
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

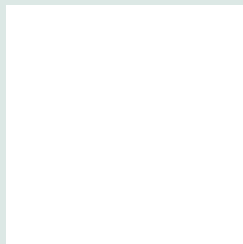
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5147, 78.5860, 85.4754

Background



This preview shows how black text looks on a background with the XYZ color 72.5147, 78.5860, 85.4754.



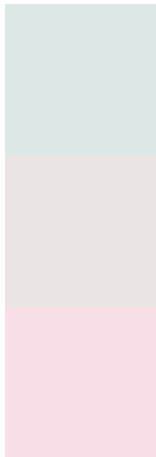
This preview shows how white text looks on a background with the XYZ color 72.5147, 78.5860,

85.4754.

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

72.5147, 78.5860, 85.4754

Protanopia

75.5402, 78.5253, 83.8485

Deuteranopia

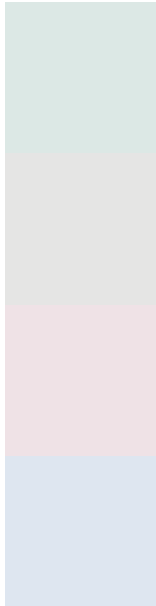
79.9694, 78.3361, 86.5068



Tritanopia

75.2392, 78.4420, 99.1710

Trichromacy



Original Color

72.5147, 78.5860, 85.4754

Protanomaly

74.3360, 78.2981, 84.5939

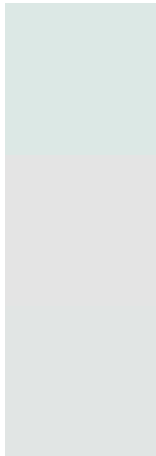
Deuteranomaly

77.0759, 78.4566, 85.9442

Tritanomaly

74.1492, 78.4145, 93.6655

Monochromacy



Original Color

72.5147, 78.5860, 85.4754

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0742, 77.6476, 84.5349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5147, 78.5860, 85.4754 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(220, 232, 229)` looks like.

```
.text, #text, p{  
    color:rgb(220, 232, 229)  
}
```

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(220, 232, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 232, 229) }
```

Border

The CSS property to change the border of an element to XYZ 72.5147, 78.5860, 85.4754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

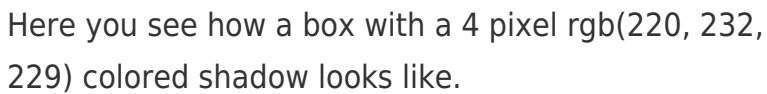
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 232, 229) }
```


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

```
.border{ border-color:rgb(220, 232, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 232, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 232, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 232, 229); box-shadow:4px 4px 4px 4px rgb(220, 232, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5147, 78.5860, 85.4754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 232, 229) }
```

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

```
.background{ background-color: rgb(220,  
232, 229) }
```

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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