

Converting Colors

XYZ(68.1891, 73.4255, 76.6810)

Have a look what the booklet for
XYZ(68.1891, 73.4255, 76.6810)
contains.

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Color

**XYZ(68.2240, 73.2787,
76.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE0DA
RGB	218, 224, 218
RGB Percent	85%, 88%, 85%
CMY	0.1451, 0.1215, 0.1451
CMYK	0.03, 0.00, 0.03, 0.12
HSL	120°, 9%, 87%
HSV	120°, 3%, 88%
XYZ	68.2240, 73.2787, 76.8781
YIQ	221.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

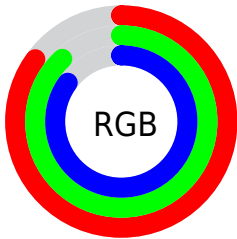
Format	Color
R _Y B	218, 224, 224
Decimal	14344410
CIE Lab	88.58, -3.10, 2.22
CIE LCh	89, 3.809, 144.366
Yxy	73.2787, 0.3124, 0.3356
Android (android.graphics.Color)	4292534490 (0xFFDAE0DA)
YUV	221.5220, -1.7363, -3.0888
Hunter-Lab	85.6030, -7.5440, 6.6751

Details

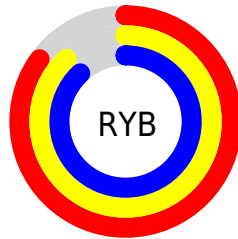
The XYZ color **68.2240, 73.2787, 76.8781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2691, 71.3738, 80.6503**, and the grayscale version is **69.1086, 72.7076, 79.1786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9031, 38.8068, 40.2485** is the 20% darker color. If you saturate the color by 10%, you get **59.2369, 68.9639, 62.1764**, and if you desaturate by 10%, it is **78.5168, 78.2250, 93.7118**.

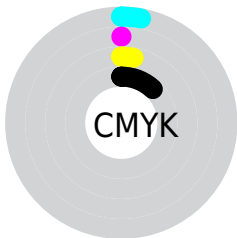
Distribution



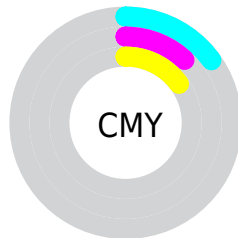
- Red (85%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2240, 73.2787, 76.8781 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 68.2240, 73.2787, 76.8781 by changing the saturation by 10% instead.

■ 68.2240, 73.2787,
76.8781

■ 68.2240, 73.2787,
76.8781

443.6535,
471.9802, 503.7749

■ 50.3543, 54.2039,
56.6419

115.7127,
123.8728, 130.7388

■ 35.9140, 38.7647,
40.3103

146.0624,
156.1608, 165.2004

■ 24.5376, 26.5767,
27.4650

181.3029,
193.6221, 205.2409

■ 15.8598, 17.2556,
17.6872

221.7994,
236.6409, 251.2787

■ 9.5152, 10.4169,
10.5585

267.9174,
285.6018, 303.7325

■ 5.1385, 5.6762,
5.6604

320.0222,

■ 2.3643, 2.6492,

340.8890, 363.0208

2.5743

378.4791,
402.8870, 429.5621

■ 0.8273, 0.9515,
0.8791

■ 0.0000, 0.0000,
0.0000

■ 68.2240, 73.2787,
76.8781

■ 68.2240, 73.2787,
76.8781

■ 59.2369, 68.9639,
62.1764

■ 78.5168, 78.2250,
93.7118

■ 51.4974, 65.2462,
49.5172

■ 85.9471, 81.7941,
105.8657

■ 44.9523, 62.1023,
38.8116

■ 39.5422, 59.5035,
29.9623

■ 35.2024, 57.4189,
22.8638

■ 31.8621, 55.8144,
17.4000

■ 29.4415, 54.6516,
13.4406

■ 27.8491, 53.8867,
10.8357

■ 26.9742, 53.4665,
9.4045

Harmonies

Analogous

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



68.9233, 73.2787, 75.2698



68.2240, 73.2787, 76.8781



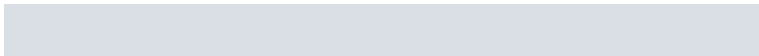
67.9068, 73.2787, 79.2926

Triad

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



68.2240, 73.2787, 76.8781



69.4760, 73.2787, 84.9268



71.2700, 73.2787, 77.7200

Complementary

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



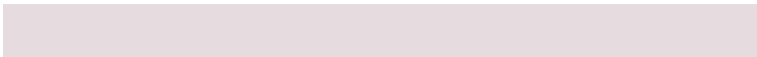
68.2240, 73.2787, 76.8781



69.2691, 71.3738, 80.6503

Split Complementary

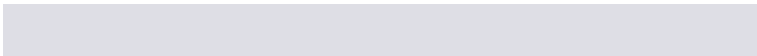
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4211, 73.2787, 80.2855



68.2240, 73.2787, 76.8781



70.3802, 73.2787, 84.4835

Square

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



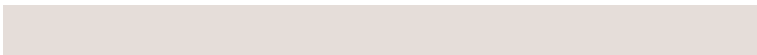
68.2240, 73.2787, 76.8781



68.6256, 73.2787, 83.9689



71.0941, 73.2787, 82.7705



70.6830, 73.2787, 75.7484

Rectangle

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



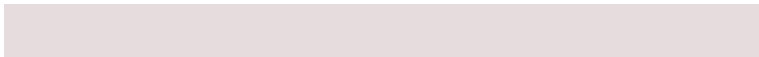
68.2240, 73.2787, 76.8781



67.9527, 73.2787, 81.0493



71.0941, 73.2787, 82.7705



71.3737, 73.2787, 78.5400

Sweetspot

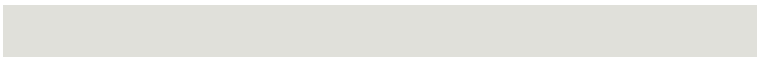
The Sweet Spot groups the original color and five complimentary colors.



68.2261, 73.2818, 76.8797



93.7102, 99.3564, 106.7085



70.0543, 74.2243, 76.9651



20.0720, 21.2731, 22.8631



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.



68.2261, 73.2818, 76.8797



91.0839, 98.0949, 102.4129



68.6226, 73.4404, 78.9676



14.6571, 15.8792, 16.3996



15.5156, 31.0311, 5.1720



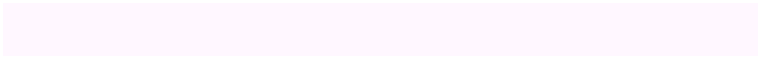
1.0755, 2.1509, 0.3585

Inverse Universe

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



69.2691, 71.3738, 80.6503



92.6579, 95.2158, 108.1025



68.8655, 71.2123, 78.5247



14.9756, 15.2967, 17.5509



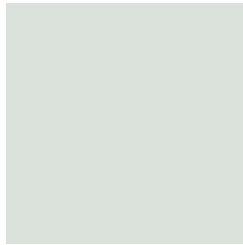
25.7242, 12.3567, 42.0752



1.7831, 0.8565, 2.9164

Previews

White Background



This preview shows how the XYZ color 68.2240, 73.2787, 76.8781 looks on a white background.

Color Contrast Check

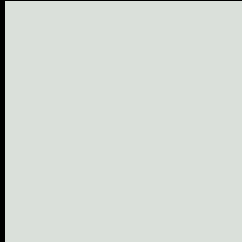
Large Text (above 18pt) WCAG AA × Fail

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 68.2240, 73.2787, 76.8781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

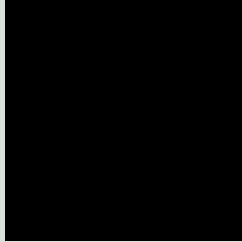
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

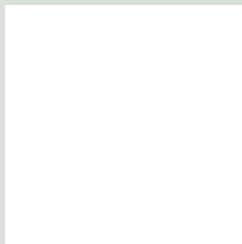
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2240, 73.2787, 76.8781

Background



This preview shows how black text looks on a background with the XYZ color 68.2240, 73.2787, 76.8781.

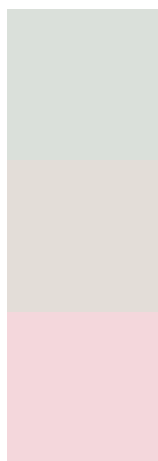


This preview shows how white text looks on a background with the XYZ color 68.2240, 73.2787,

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

68.2240, 73.2787, 76.8781

Protanopia

69.9297, 73.0017, 75.3708

Deuteranopia

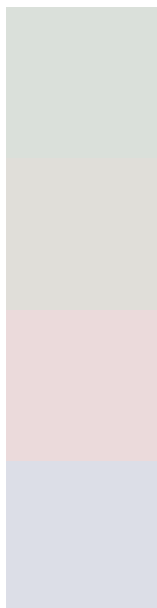
74.5269, 73.0013, 77.8728



Tritanopia

71.1079, 73.2581, 91.2814

Trichromacy



Original Color

68.2240, 73.2787, 76.8781

Protanomaly

69.3861, 73.0996, 76.0982

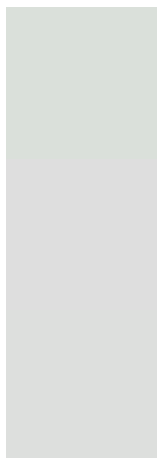
Deuteranomaly

72.1185, 72.9194, 77.2916

Tritanomaly

70.0603, 73.2277, 86.0431

Monochromacy



Original Color

68.2240, 73.2787, 76.8781

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.2576, 73.3680, 78.9178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2240, 73.2787, 76.8781 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(218, 224, 218) looks like.

```
.text, #text, p{  
    color:rgb(218, 224, 218)  
}
```

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(218, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.2240, 73.2787, 76.8781 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(218, 224, 218) }
```


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

```
.border{ border-color:rgb(218, 224, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 224,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2240, 73.2787, 76.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 224, 218) }
```

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

```
.background{ background-color: rgb(218,  
224, 218) }
```

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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