

Converting Colors

XYZ(68.9989, 73.7494, 80.9457)

Have a look what the booklet for
XYZ(68.9989, 73.7494, 80.9457)
contains.

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Color

**XYZ(69.0236, 73.5986,
81.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE0E0
RGB	218, 224, 224
RGB Percent	85%, 88%, 88%
CMY	0.1451, 0.1215, 0.1216
CMYK	0.03, 0.00, 0.00, 0.12
HSL	180°, 9%, 87%
HSV	180°, 3%, 88%
XYZ	69.0236, 73.5986, 81.0890
YIQ	222.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

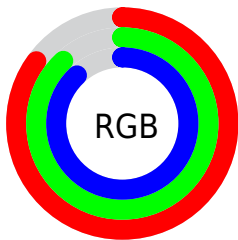
Format	Color
R _Y B	218, 221, 224
Decimal	14344416
CIE Lab	88.73, -2.01, -0.71
CIE LCh	89, 2.131, 199.535
Yxy	73.5986, 0.3085, 0.3290
Android (android.graphics.Color)	4292534496 (0xFFDAE0E0)
YUV	222.2060, 0.8844, -3.6887
Hunter-Lab	85.7896, -6.5164, 4.0114

Details

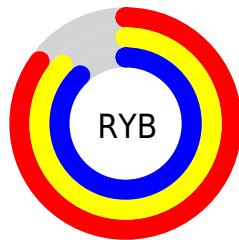
The XYZ color **69.0236, 73.5986, 81.0890** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4695, 71.0539, 76.4393**, and the grayscale version is **69.5742, 73.1975, 79.7121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4537, 39.0270, 43.1478** is the 20% darker color. If you saturate the color by 10%, you get **62.7711, 70.3776, 80.7877**, and if you desaturate by 10%, it is **76.1856, 77.2926, 81.4359**.

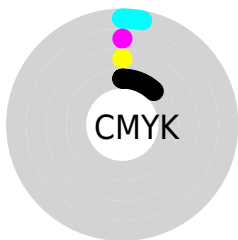
Distribution



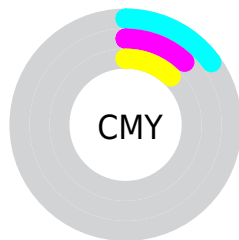
- Red (85%)
- Green (88%)
- Blue (88%)



- Red (85%)
- Yellow (87%)
- Blue (88%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0236, 73.5986, 81.0890 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 69.0236, 73.5986, 81.0890 by changing the saturation by 10% instead.

■ 69.0236, 73.5986,
81.0890

■ 69.0236, 73.5986,
81.0890

446.4343,
473.0868, 518.3985

■ 51.0076, 54.4656,
60.0835

116.8492,
124.3266, 136.7209

■ 36.4358, 38.9740,
43.0602

147.3895,
156.6904, 172.1844

■ 24.9426, 26.7395,
29.6006

182.8353,
194.2333, 213.3043

■ 16.1628, 17.3777,
19.2861

223.5520,
237.3395, 260.4991

■ 9.7310, 10.5041,
11.6983

269.9048,
286.3936, 314.1874

■ 5.2819, 5.7345,
6.4186

322.2593,

■ 2.4500, 2.6843,

341.7799, 374.7877

3.0284

380.9806,
403.8829, 442.7186

■ 0.8701, 0.9692,
1.1091

■ 0.0000, 0.0000,
0.0000

■ 69.0236, 73.5986,
81.0890

■ 69.0236, 73.5986,
81.0890

■ 62.7711, 70.3776,
80.7877

■ 76.1856, 77.2926,
81.4359

■ 57.3858, 67.6016,
80.5254


■ 81.3558, 79.9577,
81.6881


■ 52.8313, 65.2539,
80.3021


■ 81.3577, 79.9585,
81.6984


■ 49.0663, 63.3132,
80.1156


■ 81.3597, 79.9592,
81.7087


 46.0458, 61.7563,
79.9641


 81.3617, 79.9600,
81.7190

 43.7204, 60.5577,
79.8450


 81.3636, 79.9608,
81.7294


 42.0348, 59.6890,
79.7559

 81.3656, 79.9616,
81.7397

 40.9252, 59.1172,
79.6938

 81.3675, 79.9624,
81.7500

 40.3148, 58.8027,
79.6550

 81.3695, 79.9632,
81.7603

Harmonies

Analogous

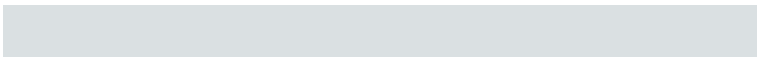
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.9834, 73.5986, 79.6220



69.0236, 73.5986, 81.0890



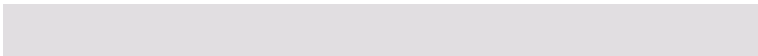
69.3122, 73.5986, 82.3148

Triad

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



69.0236, 73.5986, 81.0890



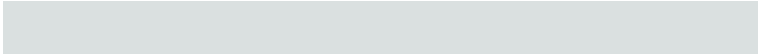
70.7098, 73.5986, 81.9921



70.1334, 73.5986, 77.3781

Complementary

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



69.0236, 73.5986, 81.0890



68.4695, 71.0539, 76.4393

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.



70.5983, 73.5986, 77.9968



69.0236, 73.5986, 81.0890



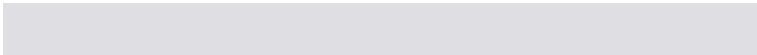
70.9322, 73.5986, 80.6529

Square

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



69.0236, 73.5986, 81.0890



70.2851, 73.5986, 82.8406



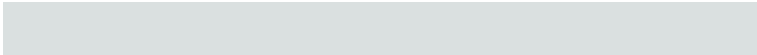
70.8912, 73.5986, 79.1912



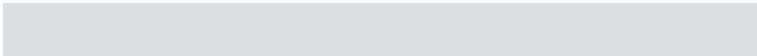
69.6225, 73.5986, 77.4916

Rectangle

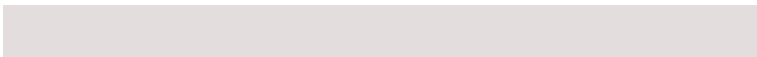
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0236, 73.5986, 81.0890



69.6074, 73.5986, 82.8245



70.8912, 73.5986, 79.1912



70.3003, 73.5986, 77.5070

Sweetspot

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



69.0257, 73.6017, 81.0906



94.1178, 99.5195, 108.8550



68.2559, 73.2973, 76.8809



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.



69.0257, 73.6017, 81.0906



92.2905, 98.5775, 108.7667



68.2529, 72.0553, 80.8356



14.9013, 15.9769, 17.6853



23.3358, 34.1592, 46.3530



1.6176, 2.3678, 3.2136

Inverse Universe

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



68.4695, 71.0539, 76.4393



91.4512, 94.7331, 101.7485



69.2281, 72.5720, 76.6896



14.7314, 15.1990, 16.2652



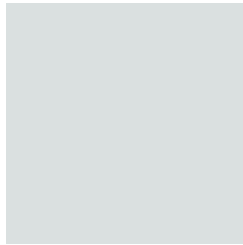
17.8938, 9.2245, 0.8407



1.2404, 0.6394, 0.0589

Previews

White Background



This preview shows how the XYZ color 69.0236, 73.5986, 81.0890 looks on a white background.

Color Contrast Check

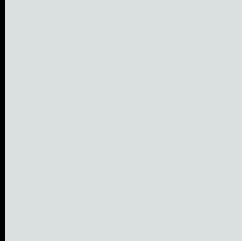
Large Text (above 18pt) WCAG AA × Fail

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 69.0236, 73.5986, 81.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

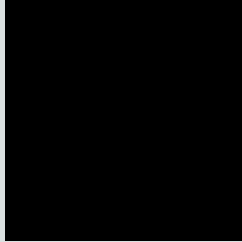
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

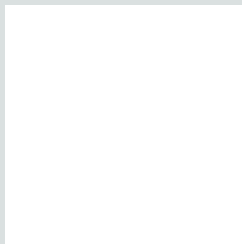
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0236, 73.5986, 81.0890

Background



This preview shows how black text looks on a background with the XYZ color 69.0236, 73.5986, 81.0890.



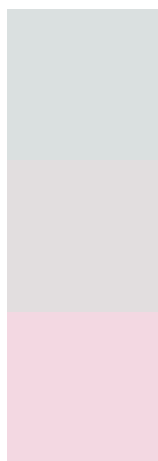
This preview shows how white text looks on a background with the XYZ color 69.0236, 73.5986,

81.0890.

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

69.0236, 73.5986, 81.0890

Protanopia

70.8046, 73.7390, 80.3133

Deuteranopia

75.2455, 73.6574, 82.2029



Tritanopia

71.2165, 73.6902, 92.1315

Trichromacy



Original Color

69.0236, 73.5986, 81.0890

Protanomaly

70.1384, 73.7910, 80.3584

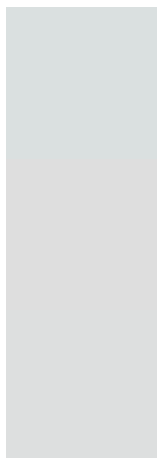
Deuteranomaly

72.8538, 73.5917, 81.5990

Tritanomaly

70.4524, 73.7759, 88.3688

Monochromacy



Original Color

69.0236, 73.5986, 81.0890

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5258, 73.4752, 80.3298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0236, 73.5986, 81.0890 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, 224) looks like.

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

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, 224) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 69.0236, 73.5986, 81.0890 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, 224) }
```


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

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

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, 224)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 69.0236, 73.5986, 81.0890 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, 224) }
```

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

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

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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