

Converting Colors

XYZ(69.4703, 74.8042, 85.9171)

Have a look what the booklet for
XYZ(69.4703, 74.8042, 85.9171)
contains.

XYZ(69.4836, 74.9475, 85.6670)	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(69.4836, 74.9475,
85.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E3E6
RGB	214, 227, 230
RGB Percent	84%, 89%, 90%
CMY	0.1608, 0.1098, 0.0980
CMYK	0.07, 0.01, 0.00, 0.10
HSL	191°, 24%, 87%
HSV	191°, 7%, 90%
XYZ	69.4836, 74.9475, 85.6670
YIQ	223.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

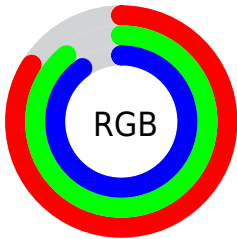
Format	Color
R _Y B	214, 221, 230
Decimal	14083046
CIE Lab	89.37, -3.75, -2.97
CIE LCh	89, 4.784, 218.309
Yxy	74.9475, 0.3020, 0.3257
Android (android.graphics.Color)	4292273126 (0xFFD6E3E6)
YUV	223.4550, 3.2267, -8.2920
Hunter-Lab	86.5722, -8.2358, 1.9305

Details

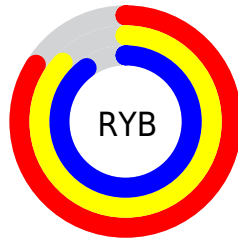
The XYZ color **69.4836, 74.9475, 85.6670** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5839, 71.3032, 73.7151**, and the grayscale version is **70.4468, 74.1156, 80.7118**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7885, 39.9711, 46.3337** is the 20% darker color. If you saturate the color by 10%, you get **62.0764, 69.4038, 84.9885**, and if you desaturate by 10%, it is **77.8724, 81.0451, 86.4030**.

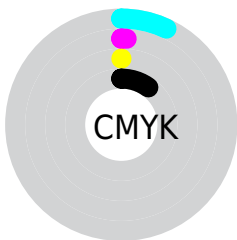
Distribution



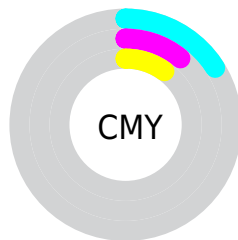
- Red (84%)
- Green (89%)
- Blue (90%)



- Red (84%)
- Yellow (87%)
- Blue (90%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4836, 74.9475, 85.6670 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 69.4836, 74.9475, 85.6670 by changing the saturation by 10% instead.

■ 69.4836, 74.9475,
85.6670

■ 69.4836, 74.9475,
85.6670

448.0295,
477.7371, 534.0346

■ 51.3837, 55.5699,
63.8393

117.5023,
126.2380, 143.1871

■ 36.7364, 39.8582,
46.0752

148.1519,
158.9198, 179.7167

■ 25.1762, 27.4280,
31.9561

183.7154,
196.8050, 221.9839

■ 16.3378, 17.8949,
21.0634

224.5582,
240.2780, 270.4074

■ 9.8559, 10.8746,
12.9787

271.0457,
289.7234, 325.4057

■ 5.3650, 5.9825,
7.2833

323.5431,

■ 2.4999, 2.8345,

345.5254, 387.3973

3.5588

382.4159,
408.0685, 456.8007

■ 0.8952, 1.0459,
1.3866

■ 0.0000, 0.0000,
0.1312

■ 69.4836, 74.9475,
85.6670

■ 69.4836, 74.9475,
85.6670

■ 62.0764, 69.4038,
84.9885

■ 77.8724, 81.0451,
86.4030

■ 55.6047, 64.3837,
84.3606

■ 85.4093, 86.7456,
87.1060

■ 50.0280, 59.8682,
83.7830

■ 86.6619, 89.2507,
87.5236

■ 45.3005, 55.8333,
83.2533

■ 87.9445, 91.8161,
87.9511

■ 41.3723, 52.2528,
82.7693

■ 89.2575, 94.4420,
88.3888

■ 38.1878, 49.0980,
82.3282

■ 90.6010, 97.1290,
88.8366

■ 35.6843, 46.3360,
81.9270

■ 91.2831, 98.4933,
89.0640

■ 33.7883, 43.9286,
81.5623

■ 32.4049, 41.8268,
81.2295

Harmonies

Analogous

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



69.0311, 74.9475, 82.5403



69.4836, 74.9475, 85.6670



70.4066, 74.9475, 87.7431

Triad

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



69.4836, 74.9475, 85.6670



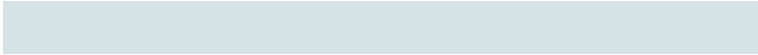
73.3475, 74.9475, 84.0110



70.9105, 74.9475, 75.3908

Complementary

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



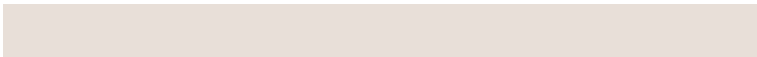
69.4836, 74.9475, 85.6670



69.5839, 71.3032, 73.7151

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.



72.0706, 74.9475, 75.7603



69.4836, 74.9475, 85.6670



73.4860, 74.9475, 80.6770

Square

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



69.4836, 74.9475, 85.6670



72.6399, 74.9475, 86.7689



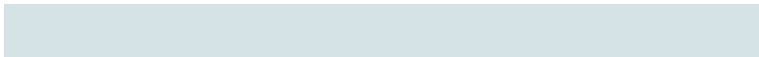
73.0163, 74.9475, 77.6736



69.8490, 74.9475, 76.6503

Rectangle

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



69.4836, 74.9475, 85.6670



71.1689, 74.9475, 88.2201



73.0163, 74.9475, 77.6736



71.3018, 74.9475, 75.3293

Sweetspot

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



69.4858, 74.9507, 85.6687



92.8946, 98.4376, 108.7120



68.5453, 75.8973, 76.6384



19.9059, 21.0861, 23.2708



0.0000, 0.0000, 0.0000



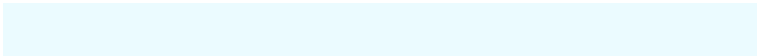
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4858, 74.9507, 85.6687



86.7323, 93.9207, 108.1650



67.3646, 70.7085, 84.9616



14.5660, 15.8533, 18.4366



18.2224, 23.5069, 45.9600



1.4061, 1.8561, 3.4161

Inverse Universe

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



70.5465, 70.4637, 82.5594



88.2748, 87.4242, 103.6372



71.6791, 75.4937, 74.4135



14.8733, 14.5665, 17.5330



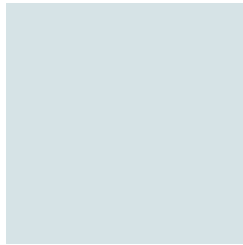
23.5913, 11.5708, 27.8067



1.7734, 0.8671, 2.2130

Previews

White Background



This preview shows how the XYZ color 69.4836, 74.9475, 85.6670 looks on a white background.

Color Contrast Check

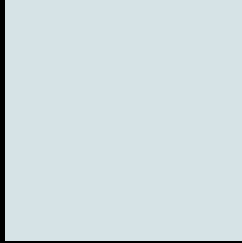
Large Text (above 18pt) WCAG AA × Fail

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 69.4836, 74.9475, 85.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

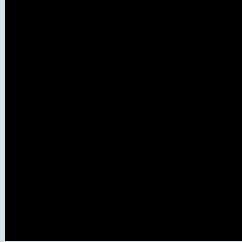
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

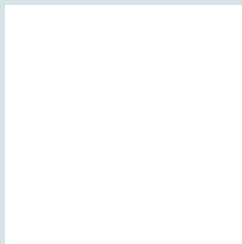
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4836, 74.9475, 85.6670

Background



This preview shows how black text looks on a background with the XYZ color 69.4836, 74.9475, 85.6670.



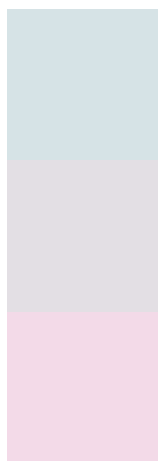
This preview shows how white text looks on a background with the XYZ color 69.4836, 74.9475,

85.6670.

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

69.4836, 74.9475, 85.6670

Protanopia

72.0698, 74.7077, 84.0203

Deuteranopia

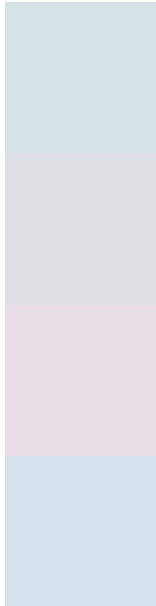
76.5990, 75.0237, 86.7877



Tritanopia

71.4218, 74.9204, 95.4908

Trichromacy



Original Color

69.4836, 74.9475, 85.6670

Protanomaly

70.9227, 74.4980, 84.7703

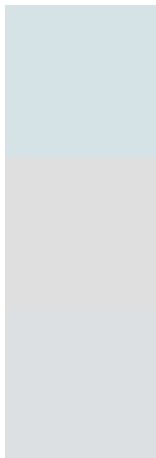
Deuteranomaly

73.5590, 74.6382, 86.1310

Tritanomaly

70.6533, 75.0128, 91.6440

Monochromacy



Original Color

69.4836, 74.9475, 85.6670

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8983, 74.0179, 82.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4836, 74.9475, 85.6670 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(214, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 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(214, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 230) }
```

Border

The CSS property to change the border of an element to XYZ 69.4836, 74.9475, 85.6670 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(214, 227, 230) }
```


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

```
.border{ border-color:rgb(214, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4836, 74.9475, 85.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 227, 230) }
```

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

```
.background{ background-color: rgb(214,  
227, 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](#).

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