

Converting Colors

XYZ(69.1786, 76.7112, 70.2840)

Have a look what the booklet for
XYZ(69.1786, 76.7112, 70.2840)
contains.

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Color

**XYZ(69.3536, 76.8725,
70.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE7CF
RGB	220, 231, 207
RGB Percent	86%, 91%, 81%
CMY	0.1373, 0.0941, 0.1882
CMYK	0.05, 0.00, 0.10, 0.09
HSL	88°, 33%, 86%
HSV	88°, 10%, 91%
XYZ	69.3536, 76.8725, 70.2140
YIQ	224.9750, 1.1480, -9.7960

Conversions

Conversions Part 2

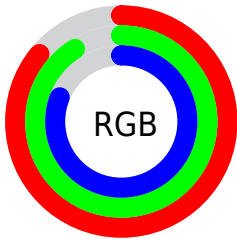
Format	Color
RYB	207, 231, 218
Decimal	14477263
CIELab	90.26, -7.89, 10.42
CIELCh	90, 13.072, 127.129
Yxy	76.8725, 0.3204, 0.3552
Android (android.graphics.Color)	4292667343 (0xFFDCE7CF)
YUV	224.9750, -8.8617, -4.3631
Hunter-Lab	87.6770, -12.2389, 13.8929

Details

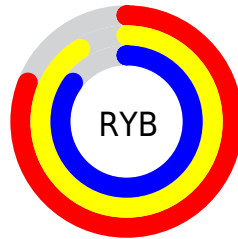
The XYZ color **69.3536, 76.8725, 70.2140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6531, 65.3027, 84.7498**, and the grayscale version is **71.6130, 75.3425, 82.0479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5968, 40.9592, 36.1140** is the 20% darker color. If you saturate the color by 10%, you get **63.6297, 74.2268, 56.2667**, and if you desaturate by 10%, it is **75.6980, 79.7949, 86.3505**.

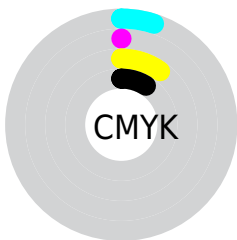
Distribution



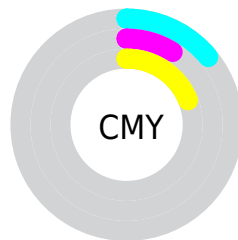
- Red (86%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3536, 76.8725, 70.2140 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 69.3536, 76.8725, 70.2140 by changing the saturation by 10% instead.

■ 69.3536, 76.8725,
70.2140

■ 69.3536, 76.8725,
70.2140

447.5790,
484.3292, 480.1105

■ 51.2774, 57.1482,
51.2231

117.3178,
128.9595, 121.1979

■ 36.6514, 41.1243,
36.0083

147.9365,
162.0910, 154.0279

■ 25.1101, 28.4162,
24.1508

183.4668,
200.4604, 192.3082

■ 16.2883, 18.6396,
15.2323

224.2740,
244.4520, 236.4571

■ 9.8205, 11.4102,
8.8342

270.7234,
294.4503, 286.8932

■ 5.3415, 6.3434,
4.5378

323.1805,

■ 2.4858, 3.0550,

350.8397, 344.0351

1.9248

382.0106,
414.0045, 408.3014

■ 0.8881, 1.1605,
0.5084

■ 0.0000, 0.0291,
0.0000

■ 69.3536, 76.8725,
70.2140

■ 69.3536, 76.8725,
70.2140

■ 63.6297, 74.2268,
56.2667

■ 75.6980, 79.7949,
86.3505

■ 58.4985, 71.8387,
44.4092

■ 82.6771, 82.9925,
104.7596

■ 53.9390, 69.7019,
34.5420

■ 86.6899, 85.0279,
106.4507

■ 49.9265, 67.8060,
26.5555

■ 87.8675, 85.6349,
106.5058

■ 46.4342, 66.1398,
20.3297

■ 43.4324, 64.6910,
15.7303

■ 40.8876, 63.4457,
12.6040

■ 38.7607, 62.3877,
10.7682

■ 37.0499, 61.5226,
9.9223

Harmonies

Analogous

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



72.2914, 76.8725, 67.1523



69.3536, 76.8725, 70.2140



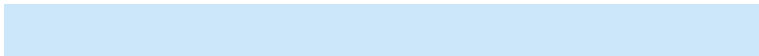
67.4512, 76.8725, 76.9291

Triad

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



69.3536, 76.8725, 70.2140



70.6605, 76.8725, 101.3178



79.4499, 76.8725, 81.4973

Complementary

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



69.3536, 76.8725, 70.2140



65.6531, 65.3027, 84.7498

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.



78.9819, 76.8725, 90.8593



69.3536, 76.8725, 70.2140



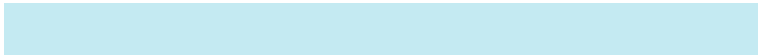
73.8441, 76.8725, 102.7672

Square

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



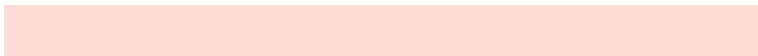
69.3536, 76.8725, 70.2140



68.1900, 76.8725, 94.9879



76.9065, 76.8725, 98.8133



78.1670, 76.8725, 73.3457

Rectangle

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



69.3536, 76.8725, 70.2140



66.9934, 76.8725, 82.8069



76.9065, 76.8725, 98.8133



79.4928, 76.8725, 84.6017

Sweetspot

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



69.3557, 76.8758, 70.2157



92.5640, 98.8579, 102.4820



69.2399, 71.5358, 69.1910



19.6729, 21.0955, 21.5775



0.0000, 0.0000, 0.0000



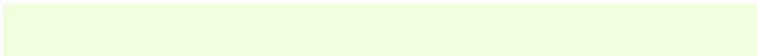
20.3446, 21.4041, 23.3091

Same Dimension

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



69.3557, 76.8758, 70.2157



85.5348, 95.6193, 84.7540



65.9094, 75.0992, 70.0544



14.9313, 16.4717, 15.2968



20.9145, 34.5633, 5.5691



1.6524, 2.6092, 0.4165

Inverse Universe

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



65.6531, 65.3027, 84.7498



80.2172, 78.9980, 105.6280



69.3085, 67.1871, 84.9209



14.2075, 14.2092, 18.1382



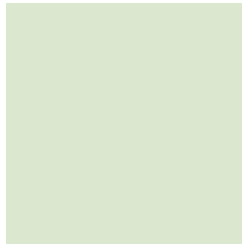
11.5513, 5.0208, 42.7435



0.9597, 0.4257, 3.1636

Previews

White Background



This preview shows how the XYZ color 69.3536, 76.8725, 70.2140 looks on a white background.

Color Contrast Check

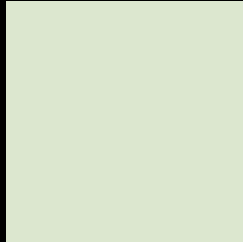
Large Text (above 18pt) WCAG AA × Fail

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 69.3536, 76.8725, 70.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

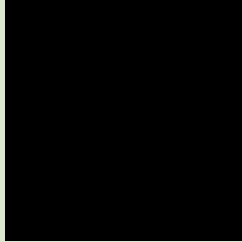
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

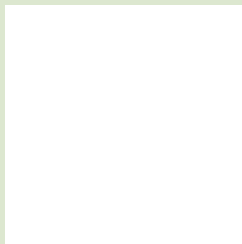
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3536, 76.8725, 70.2140

Background



This preview shows how black text looks on a background with the XYZ color 69.3536, 76.8725, 70.2140.



This preview shows how white text looks on a background with the XYZ color 69.3536, 76.8725,

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

69.3536, 76.8725, 70.2140

Protanopia

72.6875, 76.5852, 68.0781

Deuteranopia

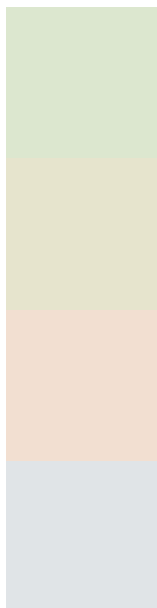
78.2044, 76.5762, 71.6316



Tritanopia

74.8895, 77.0931, 96.5213

Trichromacy



Original Color

69.3536, 76.8725, 70.2140

Protanomaly

71.3960, 76.7176, 68.8026

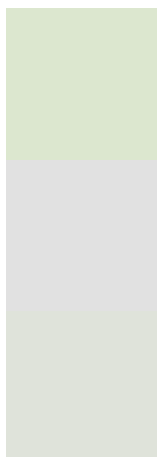
Deuteranomaly

74.5142, 76.2560, 71.1132

Tritanomaly

72.9077, 77.1036, 86.6411

Monochromacy



Original Color

69.3536, 76.8725, 70.2140

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.5554, 75.6881, 77.2203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3536, 76.8725, 70.2140 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, 231, 207) looks like.

```
.text, #text, p{  
    color:rgb(220, 231, 207)  
}
```

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, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 231, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.3536, 76.8725, 70.2140 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, 231, 207) }
```


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

```
.border{ border-color:rgb(220, 231, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 231, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 231, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 231, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 231,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3536, 76.8725, 70.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 231, 207) }
```

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

```
.background{ background-color: rgb(220,  
231, 207) }
```

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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