

Converting Colors

XYZ(67.8726, 75.3998, 74.2194)

Have a look what the booklet for
XYZ(67.8726, 75.3998, 74.2194)
contains.

XYZ(68.0386, 75.6939, 73.9751)	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(68.0386, 75.6939,
73.9751)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E6D5
RGB	214, 230, 213
RGB Percent	84%, 90%, 84%
CMY	0.1608, 0.0980, 0.1647
CMYK	0.07, 0.00, 0.07, 0.10
HSL	116°, 25%, 87%
HSV	116°, 7%, 90%
XYZ	68.0386, 75.6939, 73.9751
YIQ	223.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

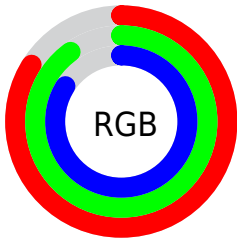
Format	Color
R _Y B	213, 230, 229
Decimal	14083797
CIE Lab	89.72, -8.40, 6.45
CIE LCh	90, 10.591, 142.486
Yxy	75.6939, 0.3125, 0.3477
Android (android.graphics.Color)	4292273877 (0xFFD6E6D5)
YUV	223.2780, -5.0671, -8.1368
Hunter-Lab	87.0022, -12.6611, 10.4893

Details

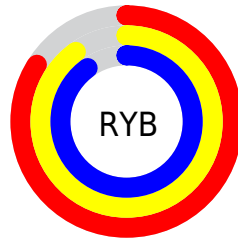
The XYZ color **68.0386, 75.6939, 73.9751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3933, 69.9617, 84.6607**, and the grayscale version is **70.3756, 74.0407, 80.6303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7996, 40.4995, 38.2781** is the 20% darker color. If you saturate the color by 10%, you get **59.4204, 71.5670, 59.3978**, and if you desaturate by 10%, it is **77.9148, 80.4258, 90.7757**.

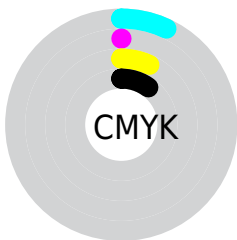
Distribution



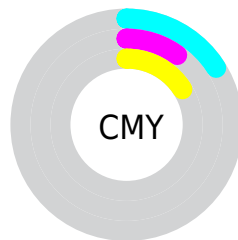
- Red (84%)
- Green (90%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0386, 75.6939, 73.9751 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 68.0386, 75.6939, 73.9751 by changing the saturation by 10% instead.

68.0386, 75.6939,
73.9751

68.0386, 75.6939,
73.9751

443.0073,
480.2992, 493.5485

50.2029, 56.1815,
54.2770

115.4490,
127.2941, 126.5942

35.7931, 40.3485,
38.4285

145.7544,
160.1508, 160.3523

24.4438, 27.8104,
26.0110

180.9471,
198.2243, 199.6342

15.7897, 18.1828,
16.6060

221.3924,
241.8992, 244.8583

9.4654, 11.0813,
9.7950

267.4558,
291.5597, 296.4433

5.1055, 6.1215,
5.1594

319.5025,

2.3447, 2.9191,

347.5903, 354.8076

2.2807

377.8979,
410.3753, 420.3698

■ 0.8174, 1.0897,
0.7204

■ 0.0000, 0.0000,
0.0000

■ 68.0386, 75.6939,
73.9751

■ 68.0386, 75.6939,
73.9751

■ 59.4204, 71.5670,
59.3978

■ 77.9148, 80.4258,
90.7757

■ 52.0037, 68.0115,
46.9461

■ 87.5883, 85.0766,
106.4128

■ 45.7371, 65.0051,
36.5222

■ 40.5628, 62.5205,
28.0188

■ 36.4182, 60.5279,
21.3186

■ 33.2344, 58.9946,
16.2918

■ 30.9339, 57.8837,
12.7909

■ 29.4271, 57.1529,
10.6429

■ 28.6030, 56.7499,
9.6185

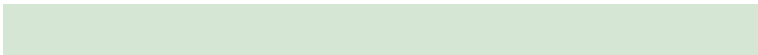
Harmonies

Analogous

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



70.0432, 75.6939, 69.8433



68.0386, 75.6939, 73.9751



67.0851, 75.6939, 80.5534

Triad

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



68.0386, 75.6939, 73.9751



71.2908, 75.6939, 97.4974



76.6801, 75.6939, 77.0442

Complementary

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



68.0386, 75.6939, 73.9751



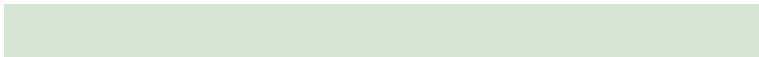
70.3933, 69.9617, 84.6607

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.



77.0336, 75.6939, 84.3107



68.0386, 75.6939, 73.9751



73.8805, 75.6939, 96.4176

Square

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



68.0386, 75.6939, 73.9751



68.9331, 75.6939, 94.3469



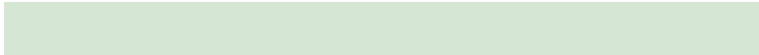
75.9977, 75.6939, 91.4796



75.0430, 75.6939, 71.5391

Rectangle

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



68.0386, 75.6939, 73.9751



67.1573, 75.6939, 85.5632



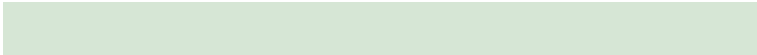
75.9977, 75.6939, 91.4796



76.9546, 75.6939, 79.3504

Sweetspot

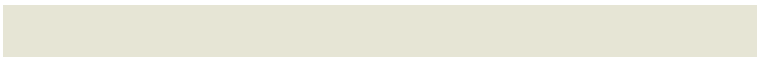
The Sweet Spot groups the original color and five complimentary colors.



68.0407, 75.6971, 73.9768



92.4956, 98.7768, 104.5511



72.6292, 77.5958, 74.1014



19.8246, 21.1551, 22.4238



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.



68.0407, 75.6971, 73.9768



84.0674, 94.7400, 90.2370



68.7067, 75.9299, 79.0020



14.2673, 16.1294, 15.2658



16.1515, 32.1079, 5.3462



1.2214, 2.3870, 0.3964

Inverse Universe

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



70.3933, 69.9617, 84.6607



87.6660, 85.9664, 106.5804



69.6999, 69.7214, 79.3398



14.9070, 14.5698, 18.1709



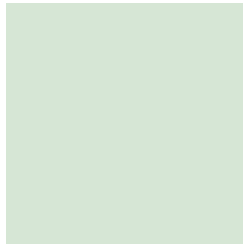
24.2359, 11.5599, 43.3371



1.8165, 0.8674, 3.2037

Previews

White Background



This preview shows how the XYZ color 68.0386, 75.6939, 73.9751 looks on a white background.

Color Contrast Check

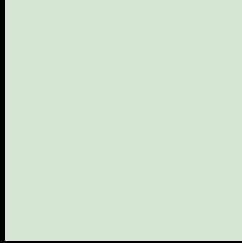
Large Text (above 18pt) WCAG AA × Fail

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 68.0386, 75.6939, 73.9751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

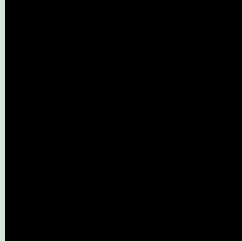
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

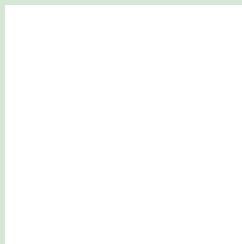
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0386, 75.6939, 73.9751

Background



This preview shows how black text looks on a background with the XYZ color 68.0386, 75.6939, 73.9751.

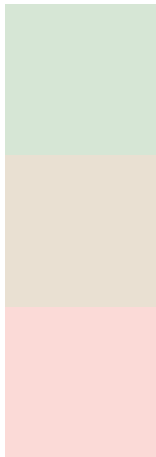


This preview shows how white text looks on a background with the XYZ color 68.0386, 75.6939,

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

68.0386, 75.6939, 73.9751

Protanopia

71.8928, 75.2881, 71.7157

Deuteranopia

77.1208, 75.5583, 74.8095



Tritanopia

72.5874, 75.9238, 95.6230

Trichromacy



Original Color

68.0386, 75.6939, 73.9751

Protanomaly

70.3183, 75.2646, 72.4494

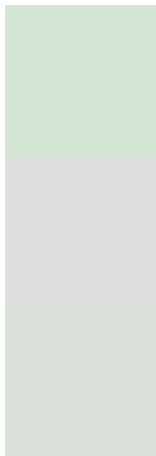
Deuteranomaly

73.5188, 75.2747, 74.2729

Tritanomaly

70.6498, 75.5161, 87.1963

Monochromacy



Original Color

68.0386, 75.6939, 73.9751

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.4977, 74.7228, 77.7779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0386, 75.6939, 73.9751 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, 230, 213) looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 213)  
}
```

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, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 213) }
```

Border

The CSS property to change the border of an element to XYZ 68.0386, 75.6939, 73.9751 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, 230, 213) }
```


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

```
.border{ border-color:rgb(214, 230, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0386, 75.6939, 73.9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 213) }
```

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

```
.background{ background-color: rgb(214,  
230, 213) }
```

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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