

Converting Colors

XYZ(69.1574, 76.2836, 77.4338)

Have a look what the booklet for
XYZ(69.1574, 76.2836, 77.4338)
contains.

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Color

**XYZ(68.9760, 76.1027,
77.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E6DA
RGB	215, 230, 218
RGB Percent	84%, 90%, 85%
CMY	0.1569, 0.0980, 0.1451
CMYK	0.07, 0.00, 0.05, 0.10
HSL	132°, 23%, 87%
HSV	132°, 7%, 90%
XYZ	68.9760, 76.1027, 77.3835
YIQ	224.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

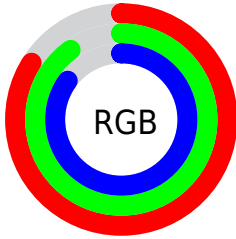
Format	Color
RYB	215, 228, 230
Decimal	14149338
CIELab	89.91, -7.17, 4.12
CIELCh	90, 8.272, 150.153
Yxy	76.1027, 0.3101, 0.3421
Android (android.graphics.Color)	4292339418 (0xFFD7E6DA)
YUV	224.1470, -3.0305, -8.0219
Hunter-Lab	87.2369, -11.5290, 8.4726

Details

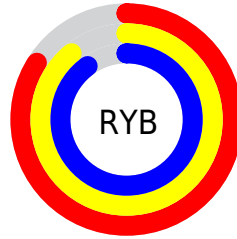
The XYZ color **68.9760, 76.1027, 77.3835** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8015, 70.9717, 82.6440**, and the grayscale version is **70.9820, 74.6786, 81.3250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4380, 40.7779, 40.6008** is the 20% darker color. If you saturate the color by 10%, you get **60.4154, 71.9547, 65.1035**, and if you desaturate by 10%, it is **78.7577, 80.8537, 91.1194**.

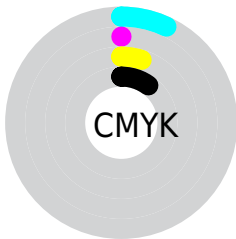
Distribution



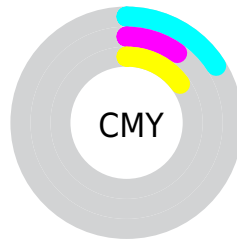
- Red (84%)
- Green (90%)
- Blue (85%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9760, 76.1027, 77.3835 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 68.9760, 76.1027, 77.3835 by changing the saturation by 10% instead.

68.9760, 76.1027,
77.3835

68.9760, 76.1027,
77.3835

446.2690,
481.6992, 505.5429

50.9687, 56.5167,
57.0542

116.7816,
127.8721, 131.4586

36.4047, 40.6174,
40.6391

147.3105,
160.8243, 166.0416

24.9184, 28.0202,
27.7197

182.7442,
199.0006, 206.2129

16.1447, 18.3409,
17.8772

223.4478,
242.7856, 252.3910

9.7181, 11.1950,
10.6934

269.7867,
292.5635, 304.9945

5.2733, 6.1982,
5.7495

322.1263,

2.4449, 2.9659,

348.7188, 364.4420

2.6270

380.8320,
411.6359, 431.1520

■ 0.8675, 1.1140,
0.9064

■ 0.0000, 0.0000,
0.0000

■ 68.9760, 76.1027,
77.3835

■ 68.9760, 76.1027,
77.3835

■ 60.4154, 71.9547,
65.1035

■ 78.7577, 80.8537,
91.1194

■ 53.0215, 68.3761,
54.2268

■ 87.5568, 85.0640,
106.2466

■ 46.7451, 65.3447,
44.7047

■ 87.5883, 85.0766,
106.4128

■ 41.5310, 62.8333,
36.4841

■ 37.3193, 60.8121,
29.5083

■ 34.0440, 59.2484,
23.7163

■ 31.6308, 58.1054,
19.0422

■ 29.9940, 57.3402,
15.4133

■ 29.0271, 56.8997,
12.7481

Harmonies

Analogous

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



70.3761, 76.1027, 73.5015



68.9760, 76.1027, 77.3835



68.4719, 76.1027, 82.8929

Triad

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



68.9760, 76.1027, 77.3835



72.3438, 76.1027, 94.6424



75.7871, 76.1027, 77.3338

Complementary

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



68.9760, 76.1027, 77.3835



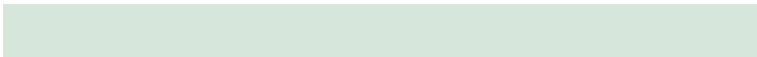
70.8015, 70.9717, 82.6440

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.



76.3373, 76.1027, 82.8329



68.9760, 76.1027, 77.3835



74.3266, 76.1027, 92.9872

Square

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



68.9760, 76.1027, 77.3835



70.3939, 76.1027, 93.0196



75.7979, 76.1027, 88.5950



74.3081, 76.1027, 73.4738

Rectangle

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



68.9760, 76.1027, 77.3835



68.7043, 76.1027, 86.8037



75.7979, 76.1027, 88.5950



76.0880, 76.1027, 79.0432

Sweetspot

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



68.9781, 76.1060, 77.3852



92.5485, 98.7855, 105.3902



72.3232, 77.8753, 75.5104



19.8354, 21.1569, 22.5947



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.



68.9781, 76.1060, 77.3852



85.4217, 95.3272, 95.3110



69.9483, 76.4940, 82.4942



14.3066, 16.1361, 15.8792



16.3339, 32.1656, 6.9924



1.2397, 2.3900, 0.6888

Inverse Universe

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



70.8015, 70.9717, 82.6440



88.2340, 87.4079, 103.4222



69.8211, 70.5796, 77.4817



14.8651, 14.5632, 17.4900



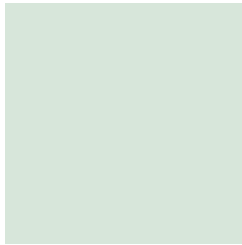
23.4182, 11.5015, 26.8951



1.7620, 0.8625, 2.1533

Previews

White Background



This preview shows how the XYZ color 68.9760, 76.1027, 77.3835 looks on a white background.

Color Contrast Check

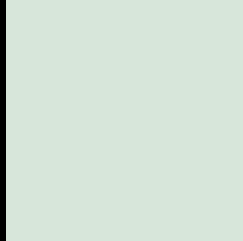
Large Text (above 18pt) WCAG AA × Fail

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 68.9760, 76.1027, 77.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

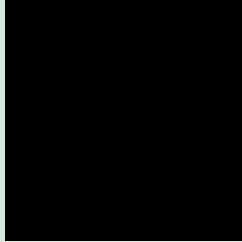
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

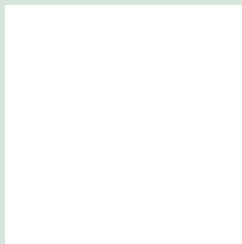
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9760, 76.1027, 77.3835

Background



This preview shows how black text looks on a background with the XYZ color 68.9760, 76.1027, 77.3835.

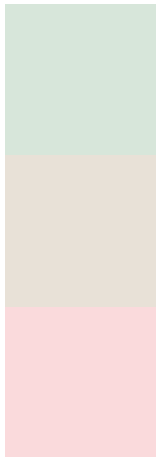


This preview shows how white text looks on a background with the XYZ color 68.9760, 76.1027,

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

68.9760, 76.1027, 77.3835

Protanopia

72.4697, 75.9125, 75.1230

Deuteranopia

77.4140, 75.6341, 78.2288



Tritanopia

72.7389, 75.9844, 96.4207

Trichromacy



Original Color

68.9760, 76.1027, 77.3835

Protanomaly

71.2278, 76.0648, 75.8936

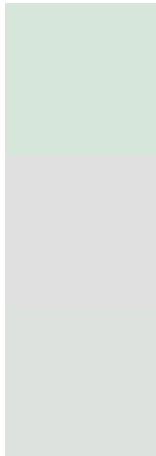
Deuteranomaly

73.8325, 75.3616, 77.6727

Tritanomaly

71.3779, 75.8418, 89.4742

Monochromacy



Original Color

68.9760, 76.1027, 77.3835

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2000, 75.0388, 79.8912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9760, 76.1027, 77.3835 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(215, 230, 218)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 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(215, 230, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.9760, 76.1027, 77.3835 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(215, 230, 218) }
```


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

```
.border{ border-color:rgb(215, 230, 218) }
```

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

Here you see how a box with a 4 pixel rgb(215, 230, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 230, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 230, 218);  
box-shadow:4px 4px 4px 4px rgb(215, 230,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9760, 76.1027, 77.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 218) }
```

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

```
.background{ background-color: rgb(215,  
230, 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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