

Converting Colors

XYZ(68.8807, 75.8138, 79.9387)

Have a look what the booklet for
XYZ(68.8807, 75.8138, 79.9387)
contains.

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Color

**XYZ(68.9222, 76.0137,
80.1468)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D5E6DE |
| RGB | 213, 230, 222 |
| RGB Percent | 84%, 90%, 87% |
| CMY | 0.1647, 0.0980, 0.1294 |
| CMYK | 0.07, 0.00, 0.03, 0.10 |
| HSL | 152°, 25%, 87% |
| HSV | 152°, 7%, 90% |
| XYZ | 68.9222, 76.0137, 80.1468 |
| YIQ | 224.0050, -7.5640, -6.0920 |

Conversions

Conversions Part 2

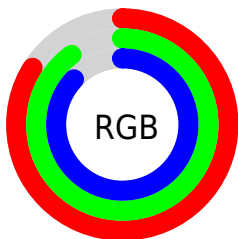
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 224, 230 |
| Decimal | 14018270 |
| CIE Lab | 89.87, -7.11, 1.95 |
| CIE LCh | 90, 7.375, 164.700 |
| Yxy | 76.0137, 0.3062, 0.3377 |
| Android (android.graphics.Color) | 4292208350 (0xFFD5E6DE) |
| YUV | 224.0050, -0.9885, -9.6514 |
| Hunter-Lab | 87.1858, -11.4673, 6.5269 |

Details

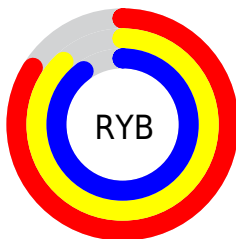
The XYZ color **68.9222, 76.0137, 80.1468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4813, 69.6339, 78.1888**, and the grayscale version is **70.8676, 74.5583, 81.1940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4056, 40.7191, 42.5000** is the 20% darker color. If you saturate the color by 10%, you get **61.3136, 72.2558, 72.4586**, and if you desaturate by 10%, it is **77.5744, 80.3031, 88.3734**.

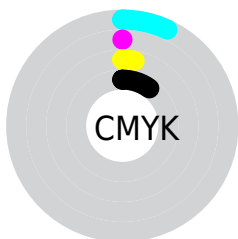
Distribution



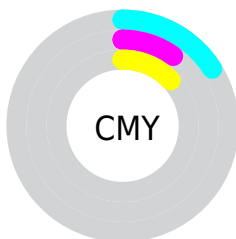
- Red (84%)
- Green (90%)
- Blue (87%)



- Red (84%)
- Yellow (88%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9222, 76.0137, 80.1468 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 68.9222, 76.0137, 80.1468 by changing the saturation by 10% instead.

■ 68.9222, 76.0137,
80.1468

■ 68.9222, 76.0137,
80.1468

446.0822,
481.3946, 515.1472

■ 50.9248, 56.4437,
59.3123

116.7051,
127.7463, 135.3854

■ 36.3695, 40.5588,
42.4429

147.2213,
160.6777, 170.6265

■ 24.8912, 27.9745,
29.1201

182.6411,
198.8317, 211.5069

■ 16.1243, 18.3064,
18.9253

223.3300,
242.5927, 258.4452

■ 9.7035, 11.1702,
11.4401

269.6531,
292.3451, 311.8598

■ 5.2636, 6.1814,
6.2458

321.9760,

■ 2.4391, 2.9557,

348.4733, 372.1693

2.9239

380.6639,
411.3616, 439.7923

■ 0.8646, 1.1087,
1.0559

■ 0.0000, 0.0000,
0.0000

■ 68.9222, 76.0137,
80.1468

■ 68.9222, 76.0137,
80.1468

■ 61.3136, 72.2558,
72.4586

■ 77.5744, 80.3031,
88.3734

■ 54.7009, 68.9986,
65.2929

■ 85.8149, 84.3672,
97.0744

■ 49.0421, 66.2227,
58.6398

■ 87.5047, 85.0431,
105.9727

■ 44.2894, 63.9039,
52.4876

■ 87.5883, 85.0765,
106.4128

■ 40.3910, 62.0155,
46.8240

■ 37.2894, 60.5282,
41.6359

■ 34.9196, 59.4087,
36.9098

■ 33.2057, 58.6180,
32.6309

■ 32.0473, 58.1048,
28.7832

Harmonies

Analogous

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



69.8126, 76.0137, 75.8377



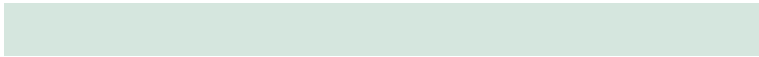
68.9222, 76.0137, 80.1468



68.9130, 76.0137, 85.3381

Triad

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



68.9222, 76.0137, 80.1468



73.1413, 76.0137, 92.8544



74.7675, 76.0137, 75.9078

Complementary

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



68.9222, 76.0137, 80.1468



69.4813, 69.6339, 78.1888

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.



75.6904, 76.0137, 80.2461



68.9222, 76.0137, 80.1468



74.7409, 76.0137, 90.1039

Square

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



68.9222, 76.0137, 80.1468



71.3283, 76.0137, 92.8251



75.6806, 76.0137, 85.4416



73.1771, 76.0137, 73.4612

Rectangle

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



68.9222, 76.0137, 80.1468



69.4068, 76.0137, 88.6098



75.6806, 76.0137, 85.4416



75.1672, 76.0137, 77.1850

Sweetspot

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



68.9243, 76.0169, 80.1485



92.8144, 98.8919, 106.7905



70.1945, 76.8074, 74.0775



19.8895, 21.1785, 22.8798



0.0000, 0.0000, 0.0000



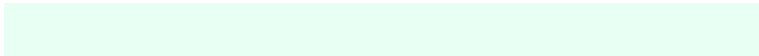
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9243, 76.0169, 80.1485



85.4141, 95.2278, 99.6243



69.9442, 76.2988, 85.9075



14.5065, 16.2160, 16.9321



18.0621, 32.8569, 16.0933



1.3816, 2.4468, 1.4360

Inverse Universe

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



69.4813, 69.6339, 78.1888



86.2661, 85.4635, 96.6266



68.5112, 69.3600, 72.7287



14.6580, 14.4804, 16.3992



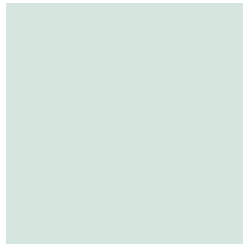
20.0760, 10.1646, 9.2952



1.5302, 0.7698, 0.9324

Previews

White Background



This preview shows how the XYZ color 68.9222, 76.0137, 80.1468 looks on a white background.

Color Contrast Check

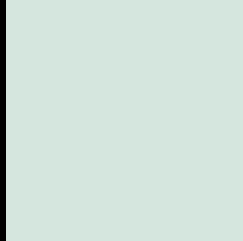
Large Text (above 18pt) WCAG AA × Fail

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 68.9222, 76.0137, 80.1468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

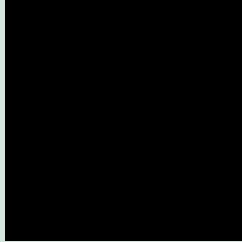
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

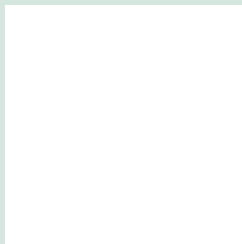
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9222, 76.0137, 80.1468

Background



This preview shows how black text looks on a background with the XYZ color 68.9222, 76.0137, 80.1468.

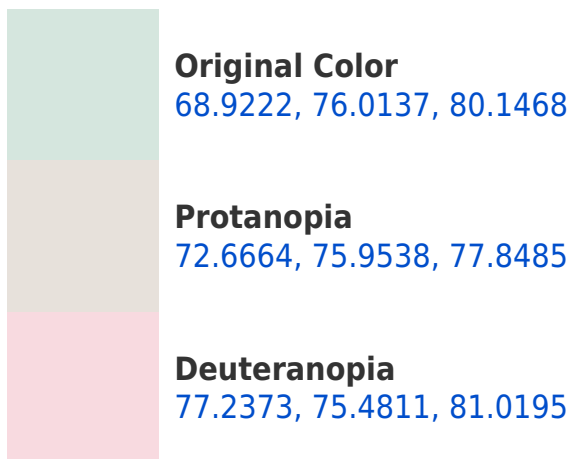


This preview shows how white text looks on a background with the XYZ color 68.9222, 76.0137,

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

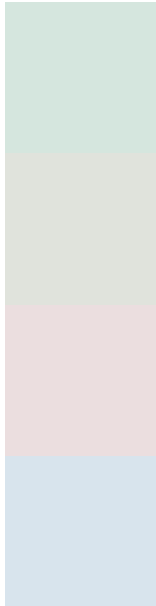




Tritanopia

72.5658, 76.2825, 97.2856

Trichromacy



Original Color

68.9222, 76.0137, 80.1468

Protanomaly

71.1278, 75.9528, 78.6217

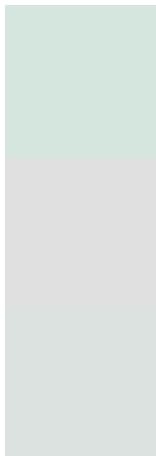
Deuteranomaly

73.7015, 75.2324, 80.4489

Tritanomaly

71.3484, 76.2002, 91.0684

Monochromacy



Original Color

68.9222, 76.0137, 80.1468

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.0308, 74.9361, 80.5851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9222, 76.0137, 80.1468 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(213, 230, 222) looks like.

```
.text, #text, p{  
    color:rgb(213, 230, 222)  
}
```

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(213, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 230, 222) }
```

Border

The CSS property to change the border of an element to XYZ 68.9222, 76.0137, 80.1468 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(213, 230, 222) }
```


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

```
.border{ border-color:rgb(213, 230, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 230, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(213, 230,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9222, 76.0137, 80.1468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 230, 222) }
```

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

```
.background{ background-color: rgb(213,  
230, 222) }
```

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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