

Converting Colors

XYZ(69.2981, 77.3874, 80.2245)

Have a look what the booklet for
XYZ(69.2981, 77.3874, 80.2245)
contains.

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Color

**XYZ(69.4751, 77.5488,
80.4139)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D4E9DE |
| RGB | 212, 233, 222 |
| RGB Percent | 83%, 91%, 87% |
| CMY | 0.1686, 0.0863, 0.1294 |
| CMYK | 0.09, 0.00, 0.05, 0.09 |
| HSL | 149°, 32%, 87% |
| HSV | 149°, 9%, 91% |
| XYZ | 69.4751, 77.5488, 80.4139 |
| YIQ | 225.4670, -8.9850, -7.8730 |

Conversions

Conversions Part 2

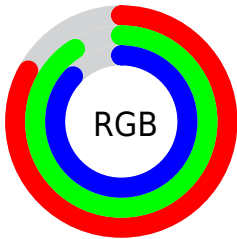
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 212, 226, 233 |
| Decimal | 13953502 |
| CIE Lab | 90.57, -8.97, 2.97 |
| CIE LCh | 91, 9.445, 161.696 |
| Yxy | 77.5488, 0.3055, 0.3410 |
| Android (android.graphics.Color) | 4292143582 (0xFFD4E9DE) |
| YUV | 225.4670, -1.7092, -11.8106 |
| Hunter-Lab | 88.0618, -13.2831, 7.5024 |

Details

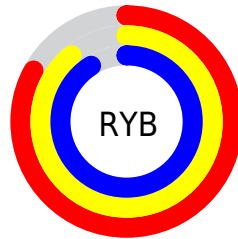
The XYZ color **69.4751, 77.5488, 80.4139** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.4699, 69.7403, 79.5628**, and the grayscale version is **71.9225, 75.6680, 82.4025**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6018, 41.4024, 42.6216** is the 20% darker color. If you saturate the color by 10%, you get **61.6599, 73.7043, 71.8153**, and if you desaturate by 10%, it is **78.3825, 81.9469, 89.6852**.

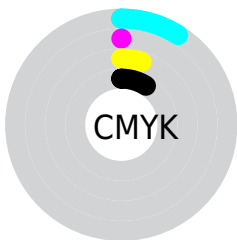
Distribution



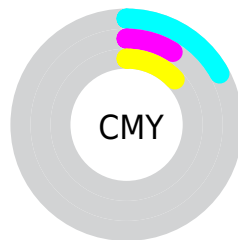
- Red (83%)
- Green (91%)
- Blue (87%)



- Red (83%)
- Yellow (89%)
- Blue (91%)



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



- Cyan (17%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4751, 77.5488, 80.4139 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 69.4751, 77.5488, 80.4139 by changing the saturation by 10% instead.

■ 69.4751, 77.5488,
80.4139

■ 69.4751, 77.5488,
80.4139

448.0000,
486.6331, 516.0701

■ 51.3768, 57.7034,
59.5308

117.4903,
129.9139, 135.7641

■ 36.7308, 41.5703,
42.6178

148.1378,
163.2024, 171.0684

■ 25.1719, 28.7649,
29.2561

183.6991,
201.7406, 212.0168

■ 16.3346, 18.9031,
19.0274

224.5396,
245.9131, 259.0279

■ 9.8535, 11.6003,
11.5131

271.0246,
296.1042, 312.5203

■ 5.3635, 6.4721,
6.2946

323.5194,

■ 2.4990, 3.1342,

352.6984, 372.9124

2.9533

382.3895,
416.0799, 440.6228

■ 0.8948, 1.2022,
1.0709

■ 0.0000, 0.0635,
0.0000

■ 69.4751, 77.5488,
80.4139

■ 69.4751, 77.5488,
80.4139

■ 61.6599, 73.7043,
71.8153

■ 78.3825, 81.9469,
89.6852

■ 54.8865, 70.3814,
63.8693

■ 87.0788, 86.2201,
99.5761

■ 49.1101, 67.5593,
56.5619

■ 88.4304, 86.7608,
106.6935

■ 44.2803, 65.2124,
49.8769

■ 40.3418, 63.3125,
43.7973

■ 37.2334, 61.8284,
38.3052

■ 34.8855, 60.7246,
33.3816

■ 33.2162, 59.9591,
29.0064

■ 32.1015, 59.4686,
25.1566

Harmonies

Analogous

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



70.7248, 77.5488, 75.0835



69.4751, 77.5488, 80.4139



69.3448, 77.5488, 87.1046

Triad

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



69.4751, 77.5488, 80.4139



74.6333, 77.5488, 97.8403



77.1549, 77.5488, 76.0691

Complementary

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



69.4751, 77.5488, 80.4139



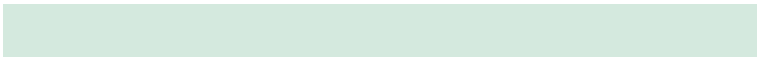
70.4699, 69.7403, 79.5628

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.



78.2501, 77.5488, 81.8253



69.4751, 77.5488, 80.4139



76.7736, 77.5488, 94.5377

Square

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



69.4751, 77.5488, 80.4139



72.2892, 77.5488, 97.4124



78.1090, 77.5488, 88.5930



75.1449, 77.5488, 72.6690

Rectangle

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



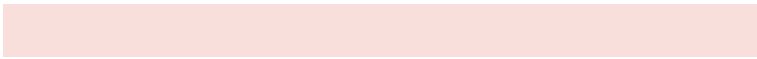
69.4751, 77.5488, 80.4139



69.9068, 77.5488, 91.4652



78.1090, 77.5488, 88.5930



77.6442, 77.5488, 77.7793

Sweetspot

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



69.4773, 77.5521, 80.4156



91.6527, 98.3224, 105.4079



71.5184, 78.7547, 73.7202



19.4276, 20.9513, 22.3646



0.0000, 0.0000, 0.0000



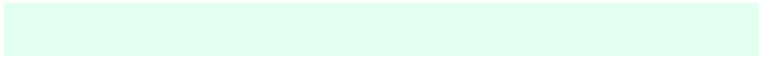
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4773, 77.5521, 80.4156



83.1963, 94.1522, 96.4640



70.9011, 78.1216, 87.9134



15.1670, 16.9816, 17.5620



18.2218, 33.7432, 14.3990



1.4792, 2.6690, 1.3852

Inverse Universe

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



70.4699, 69.7403, 79.5628



84.6692, 82.5603, 95.1984



69.1223, 69.2013, 72.4665



15.3951, 15.1859, 17.3660



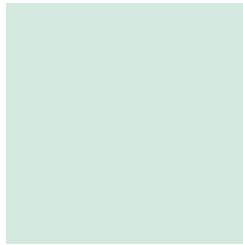
21.1265, 10.6533, 11.7336



1.7075, 0.8560, 1.1772

Previews

White Background



This preview shows how the XYZ color 69.4751, 77.5488, 80.4139 looks on a white background.

Color Contrast Check

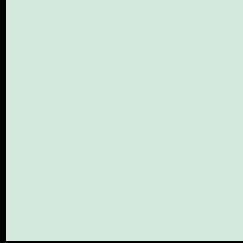
Large Text (above 18pt) WCAG AA × Fail

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 69.4751, 77.5488, 80.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

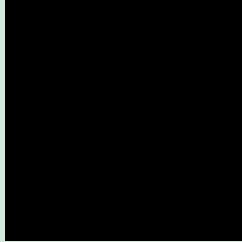
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

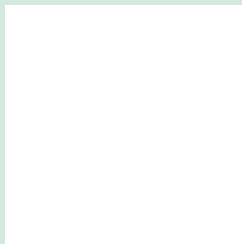
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4751, 77.5488, 80.4139

Background



This preview shows how black text looks on a background with the XYZ color 69.4751, 77.5488, 80.4139.



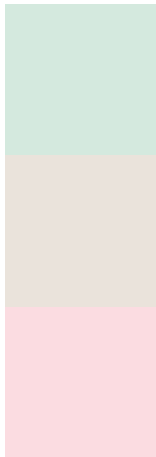
This preview shows how white text looks on a background with the XYZ color 69.4751, 77.5488,

80.4139.

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

69.4751, 77.5488, 80.4139

Protanopia

74.1870, 77.5451, 78.0755

Deuteranopia

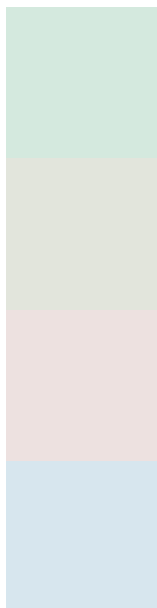
78.9675, 77.1319, 81.9601



Tritanopia

73.1267, 77.3530, 99.0721

Trichromacy



Original Color

69.4751, 77.5488, 80.4139

Protanomaly

72.3016, 77.3747, 78.8342

Deuteranomaly

75.3048, 77.2368, 81.4602

Tritanomaly

71.7538, 77.2137, 92.0108

Monochromacy



Original Color

69.4751, 77.5488, 80.4139

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.7131, 76.0843, 81.4798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4751, 77.5488, 80.4139 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(212, 233, 222) looks like.

```
.text, #text, p{  
    color:rgb(212, 233, 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(212, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 233, 222) }
```

Border

The CSS property to change the border of an element to XYZ 69.4751, 77.5488, 80.4139 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(212, 233, 222) }
```


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

```
.border{ border-color:rgb(212, 233, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 233, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 233, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 233, 222); box-shadow:4px 4px 4px 4px rgb(212, 233, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4751, 77.5488, 80.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 233, 222) }
```

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

```
.background{ background-color: rgb(212,  
233, 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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