

Converting Colors

XYZ(69.0669, 77.2302, 76.3346)

Have a look what the booklet for
XYZ(69.0669, 77.2302, 76.3346)
contains.

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Color

**XYZ(69.2651, 77.5318,
76.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E9D8
RGB	214, 233, 216
RGB Percent	84%, 91%, 85%
CMY	0.1608, 0.0863, 0.1529
CMYK	0.08, 0.00, 0.07, 0.09
HSL	126°, 30%, 88%
HSV	126°, 8%, 91%
XYZ	69.2651, 77.5318, 76.2802
YIQ	225.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

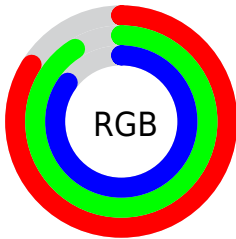
Format	Color
RYB	214, 231, 233
Decimal	14084568
CIELab	90.57, -9.39, 6.11
CIELCh	91, 11.198, 146.963
Yxy	77.5318, 0.3105, 0.3476
Android (android.graphics.Color)	4292274648 (0xFFD6E9D8)
YUV	225.3810, -4.6248, -9.9811
Hunter-Lab	88.0521, -13.6765, 10.2732

Details

The XYZ color **69.2651, 77.5318, 76.2802** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0774, 71.1882, 85.5468**, and the grayscale version is **71.8792, 75.6225, 82.3529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4532, 41.3884, 39.7857** is the 20% darker color. If you saturate the color by 10%, you get **60.4188, 73.2655, 62.6782**, and if you desaturate by 10%, it is **79.4304, 82.4430, 91.7323**.

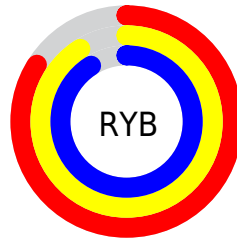
Distribution



Red (84%)

Green (91%)

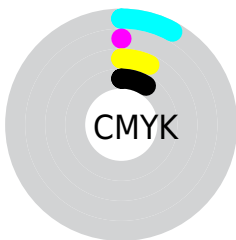
Blue (85%)



Red (84%)

Yellow (91%)

Blue (91%)

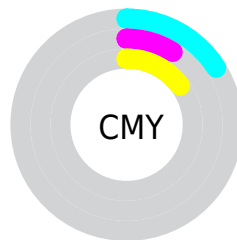


Cyan (8%)

Magenta (0%)

Yellow (7%)

Black (9%)



Cyan (16%)

Magenta (9%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2651, 77.5318, 76.2802 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 69.2651, 77.5318, 76.2802 by changing the saturation by 10% instead.

69.2651, 77.5318,
76.2802

69.2651, 77.5318,
76.2802

447.2722,
486.5753, 501.6787

51.2051, 57.6894,
56.1543

117.1921,
129.8899, 129.8866

36.5935, 41.5590,
39.9218

147.7898,
163.1744, 164.2042

25.0652, 28.7562,
27.1643

183.2975,
201.7085, 204.0894

16.2546, 18.8964,
17.4631

224.0804,
245.8764, 249.9608

9.7965, 11.5955,
10.3998

270.5040,
296.0627, 302.2368

5.3255, 6.4689,
5.5558

322.9336,

2.4762, 3.1322,

352.6517, 361.3361

2.5125

381.7345,
416.0277, 427.6772

■ 0.8833, 1.2011,
0.8468

■ 0.0000, 0.0626,
0.0000

■ 69.2651, 77.5318,
76.2802

■ 69.2651, 77.5318,
76.2802

■ 60.4188, 73.2655,
62.6782

■ 79.4304, 82.4430,
91.7323

■ 52.8313, 69.6079,
50.8521

■ 88.4304, 86.7608,
106.6935

■ 46.4471, 66.5342,
40.7300

■ 41.2042, 64.0140,
32.2335

■ 37.0349, 62.0142,
25.2778

■ 33.8643, 60.4984,
19.7706

■ 31.6081, 59.4250,
15.6095

■ 30.1673, 58.7456,
12.6790

■ 29.4082, 58.3942,
10.8432

Harmonies

Analogous

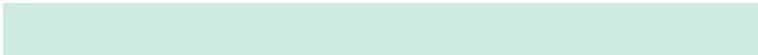
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2748, 77.5318, 71.3950



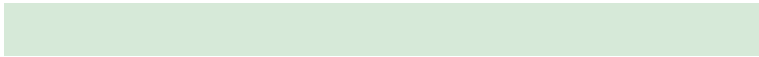
69.2651, 77.5318, 76.2802



68.4395, 77.5318, 83.6037

Triad

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



69.2651, 77.5318, 76.2802



73.4064, 77.5318, 100.7901



78.6006, 77.5318, 77.6119

Complementary

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



69.2651, 77.5318, 76.2802



72.0774, 71.1882, 85.5468

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.



79.2059, 77.5318, 85.2395



69.2651, 77.5318, 76.2802



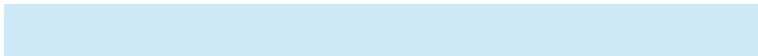
76.1625, 77.5318, 98.9377

Square

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



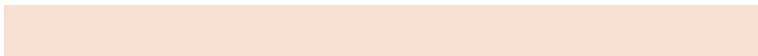
69.2651, 77.5318, 76.2802



70.7922, 77.5318, 98.0313



78.3029, 77.5318, 93.1169



76.6692, 77.5318, 72.1289

Rectangle

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



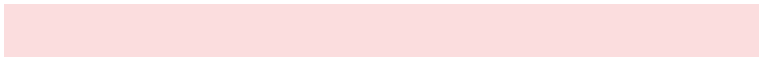
69.2651, 77.5318, 76.2802



68.6557, 77.5318, 89.0029



78.3029, 77.5318, 93.1169



78.9680, 77.5318, 79.9952

Sweetspot

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



69.2673, 77.5351, 76.2819



92.4724, 98.7551, 104.9898



74.2670, 80.1423, 75.1740



19.8199, 21.1507, 22.5131



0.0000, 0.0000, 0.0000



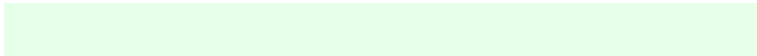
20.3446, 21.4041, 23.3091

Same Dimension

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



69.2673, 77.5351, 76.2819



82.8245, 94.0970, 90.2783



70.5181, 78.0355, 82.8689



14.9328, 16.8879, 16.3288



16.6521, 33.1153, 6.1329



1.3292, 2.6090, 0.5954

Inverse Universe

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



72.0774, 71.1882, 85.5468



87.0187, 84.6240, 104.1058



70.7846, 70.6710, 78.7387



15.6425, 15.2849, 18.6687



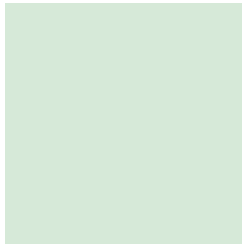
25.5887, 12.4382, 35.2313



2.0290, 0.9846, 2.8700

Previews

White Background



This preview shows how the XYZ color 69.2651, 77.5318, 76.2802 looks on a white background.

Color Contrast Check

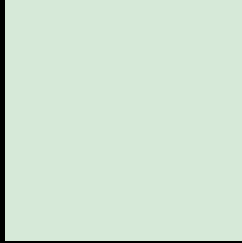
Large Text (above 18pt) WCAG AA × Fail

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 69.2651, 77.5318, 76.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

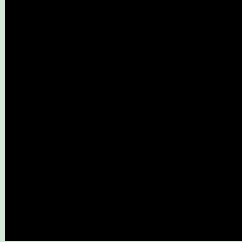
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

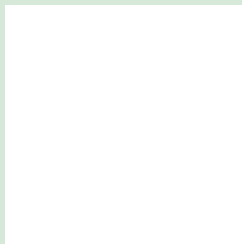
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2651, 77.5318, 76.2802

Background



This preview shows how black text looks on a background with the XYZ color 69.2651, 77.5318, 76.2802.

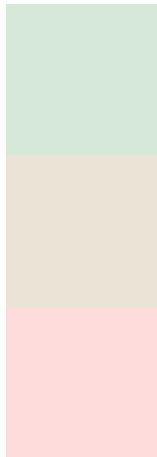


This preview shows how white text looks on a background with the XYZ color 69.2651, 77.5318,

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

69.2651, 77.5318, 76.2802

Protanopia

73.7403, 77.4044, 74.0048

Deuteranopia

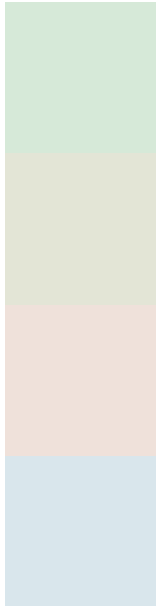
78.8874, 77.1835, 77.7579



Tritanopia

73.7453, 77.2623, 99.0220

Trichromacy



Original Color

69.2651, 77.5318, 76.2802

Protanomaly

71.8355, 77.2246, 74.7380

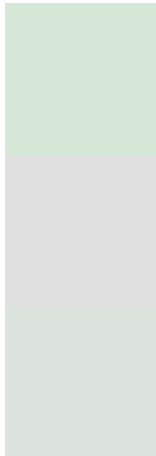
Deuteranomaly

75.1767, 77.2631, 77.2807

Tritanomaly

72.0524, 77.4015, 90.4993

Monochromacy



Original Color

69.2651, 77.5318, 76.2802

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.7470, 76.1329, 80.0736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2651, 77.5318, 76.2802 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, 233, 216)` looks like.

```
.text, #text, p{  
    color:rgb(214, 233, 216)  
}
```

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, 233, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 233, 216) }
```

Border

The CSS property to change the border of an element to XYZ 69.2651, 77.5318, 76.2802 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, 233, 216) }
```


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

```
.border{ border-color:rgb(214, 233, 216) }
```

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

Here you see how a box with a 4 pixel rgb(214, 233, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 233, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 233, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 233,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2651, 77.5318, 76.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 233, 216) }
```

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

```
.background{ background-color: rgb(214,  
233, 216) }
```

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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