

Converting Colors

XYZ(69.1237, 77.6594, 74.9659)

Have a look what the booklet for
XYZ(69.1237, 77.6594, 74.9659)
contains.

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Color

**XYZ(69.0081, 77.4290,
74.9265)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E9D6
RGB	214, 233, 214
RGB Percent	84%, 91%, 84%
CMY	0.1608, 0.0863, 0.1608
CMYK	0.08, 0.00, 0.08, 0.09
HSL	120°, 30%, 88%
HSV	120°, 8%, 91%
XYZ	69.0081, 77.4290, 74.9265
YIQ	225.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

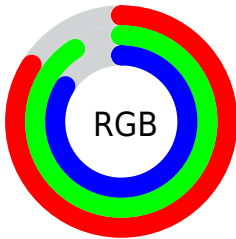
Format	Color
R_{YB}	214, 233, 233
Decimal	14084566
CIE _{Lab}	90.52, -9.74, 7.08
CIE _{LCh}	91, 12.043, 143.988
Yxy	77.4290, 0.3117, 0.3498
Android (android.graphics.Color)	4292274646 (0xFFD6E9D6)
YUV	225.1530, -5.4984, -9.7812
Hunter-Lab	87.9937, -14.0025, 11.1103

Details

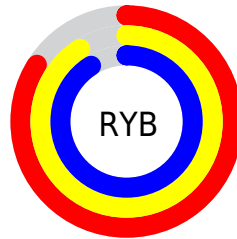
The XYZ color **69.0081, 77.4290, 74.9265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3617, 71.3019, 87.0434**, and the grayscale version is **71.7209, 75.4559, 82.1715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2782, 41.3184, 38.8641** is the 20% darker color. If you saturate the color by 10%, you get **59.9223, 73.0669, 60.0632**, and if you desaturate by 10%, it is **79.4967, 82.4695, 92.0806**.

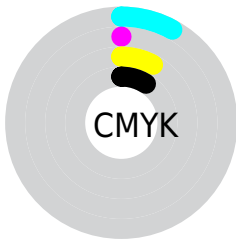
Distribution



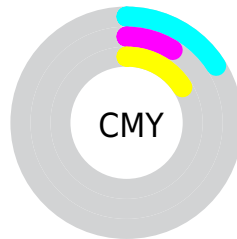
- Red (84%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0081, 77.4290, 74.9265 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 69.0081, 77.4290, 74.9265 by changing the saturation by 10% instead.

69.0081, 77.4290,
74.9265

69.0081, 77.4290,
74.9265

446.3805,
486.2255, 496.9136

50.9950, 57.6050,
55.0513

116.8271,
129.7449, 127.9545

36.4256, 41.4912,
39.0439

147.3638,
163.0056, 161.9443

24.9347, 28.7031,
26.4858

182.8056,
201.5140, 201.4761

16.1569, 18.8563,
16.9584

223.5180,
245.6545, 246.9684

9.7268, 11.5665,
10.0432

269.8664,
295.8115, 298.8398

5.2791, 6.4492,
5.3216

322.2160,

2.4483, 3.1201,

352.3694, 357.5087

2.3752

380.9322,
415.7126, 423.3938

■ 0.8693, 1.1948,
0.7729

■ 0.0000, 0.0574,
0.0000

■ 69.0081, 77.4290,
74.9265

■ 69.0081, 77.4290,
74.9265

■ 59.9223, 73.0669,
60.0632

■ 79.4967, 82.4695,
92.0806

■ 52.1737, 69.3449,
47.3890

■ 88.4304, 86.7608,
106.6935

■ 45.7012, 66.2358,
36.8020

■ 40.4364, 63.7069,
28.1905

■ 36.3046, 61.7221,
21.4320

■ 33.2225, 60.2416,
16.3907

■ 31.0958, 59.2201,
12.9121

■ 29.8132, 58.6040,
10.8140

■ 29.2177, 58.3180,
9.8400

Harmonies

Analogous

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



71.2645, 77.4290, 70.0435



69.0081, 77.4290, 74.9265



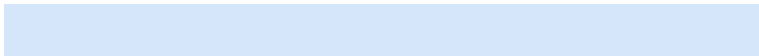
67.9835, 77.4290, 82.5818

Triad

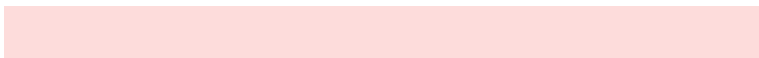
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0081, 77.4290, 74.9265



72.9891, 77.4290, 101.9007



79.0128, 77.4290, 77.7423

Complementary

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



69.0081, 77.4290, 74.9265



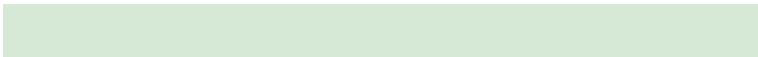
72.3617, 71.3019, 87.0434

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.



79.5049, 77.4290, 86.0561



69.0081, 77.4290, 74.9265



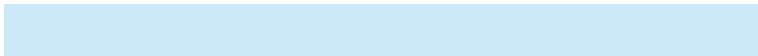
75.9736, 77.4290, 100.3863

Square

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



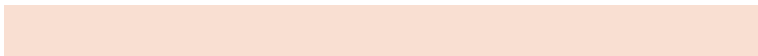
69.0081, 77.4290, 74.9265



70.2412, 77.4290, 98.4474



78.3786, 77.4290, 94.4395



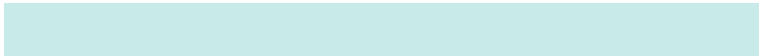
77.0517, 77.4290, 71.5899

Rectangle

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



69.0081, 77.4290, 74.9265



68.1162, 77.4290, 88.3800



78.3786, 77.4290, 94.4395



79.3577, 77.4290, 80.3611

Sweetspot

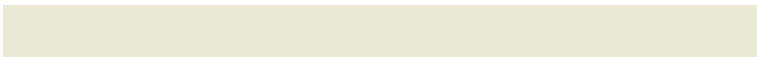
The Sweet Spot groups the original color and five complimentary colors.



69.0102, 77.4323, 74.9282



92.3882, 98.7214, 104.5461



74.8842, 80.4604, 75.2030



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



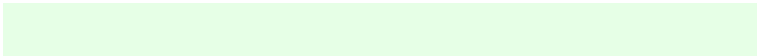
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0102, 77.4323, 74.9282



82.4457, 93.9455, 88.2834



70.2597, 77.9321, 81.5077



14.8684, 16.8622, 15.9898



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



72.3617, 71.3019, 87.0434



87.4478, 84.7957, 106.3658



71.0402, 70.7734, 80.0848



15.7149, 15.3138, 19.0498



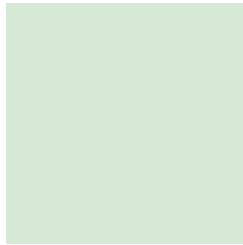
27.4133, 13.1680, 44.8390



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 69.0081, 77.4290, 74.9265 looks on a white background.

Color Contrast Check

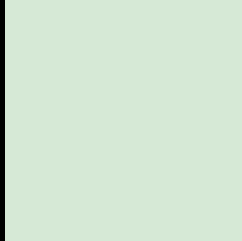
Large Text (above 18pt) WCAG AA × Fail

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 69.0081, 77.4290, 74.9265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

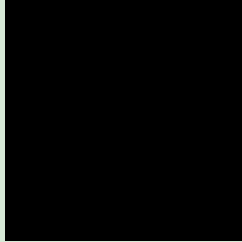
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

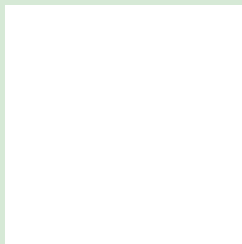
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0081, 77.4290, 74.9265

Background



This preview shows how black text looks on a background with the XYZ color 69.0081, 77.4290, 74.9265.



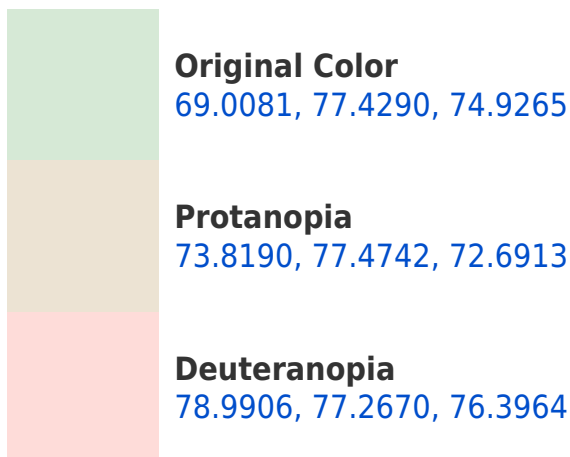
This preview shows how white text looks on a background with the XYZ color 69.0081, 77.4290,

74.9265.

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

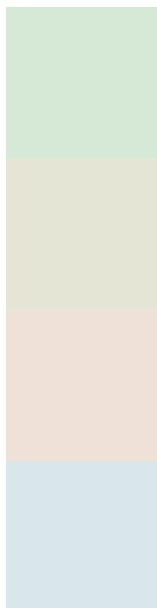




Tritanopia

73.5914, 77.2007, 98.2113

Trichromacy



Original Color

69.0081, 77.4290, 74.9265

Protanomaly

71.8979, 77.2861, 73.4156

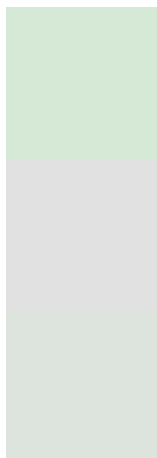
Deuteranomaly

74.9165, 77.1590, 75.9104

Tritanomaly

71.7634, 77.2859, 88.9772

Monochromacy



Original Color

69.0081, 77.4290, 74.9265

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.6133, 76.0794, 79.3697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0081, 77.4290, 74.9265 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, 214) looks like.

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

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, 214) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 69.0081, 77.4290, 74.9265 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, 214) }
```


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

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

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, 214)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 69.0081, 77.4290, 74.9265 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, 214) }
```

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

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

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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