

Converting Colors

XYZ(70.1272, 78.5881, 77.1547)

Have a look what the booklet for
XYZ(70.1272, 78.5881, 77.1547)
contains.

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Color

**XYZ(69.9715, 78.3025,
77.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EAD9
RGB	215, 234, 217
RGB Percent	84%, 92%, 85%
CMY	0.1569, 0.0823, 0.1490
CMYK	0.08, 0.00, 0.07, 0.08
HSL	126°, 31%, 88%
HSV	126°, 8%, 92%
XYZ	69.9715, 78.3025, 77.0716
YIQ	226.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

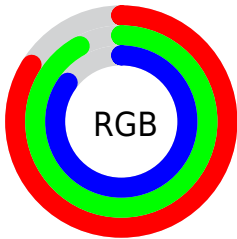
Format	Color
R _Y B	215, 232, 234
Decimal	14150361
CIE Lab	90.92, -9.38, 6.10
CIE LCh	91, 11.189, 146.965
Yxy	78.3025, 0.3105, 0.3475
Android (android.graphics.Color)	4292340441 (0xFFD7EAD9)
YUV	226.3810, -4.6248, -9.9811
Hunter-Lab	88.4887, -13.7082, 10.3019

Details

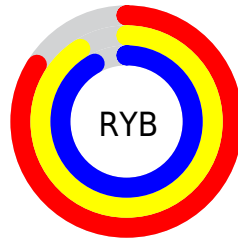
The XYZ color **69.9715, 78.3025, 77.0716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8004, 71.9213, 86.3929**, and the grayscale version is **72.6018, 76.3827, 83.1808**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9392, 41.9230, 40.3275** is the 20% darker color. If you saturate the color by 10%, you get **61.0328, 73.9916, 63.3280**, and if you desaturate by 10%, it is **80.2430, 83.2650, 92.6845**.

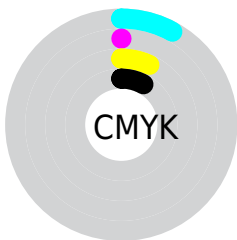
Distribution



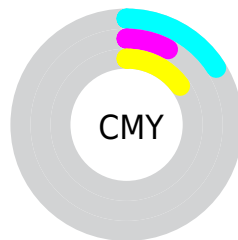
- Red (84%)
- Green (92%)
- Blue (85%)



- Red (84%)
- Yellow (91%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9715, 78.3025, 77.0716 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 69.9715, 78.3025, 77.0716 by changing the saturation by 10% instead.

■ 69.9715, 78.3025,
77.0716

■ 69.9715, 78.3025,
77.0716

449.7179,
489.1935, 504.4523

■ 51.7828, 58.3225,
56.7997

118.1946,
130.9765, 131.0145

■ 37.0556, 42.0680,
40.4362

148.9597,
164.4392, 165.5226

■ 25.4244, 29.1545,
27.5624

184.6477,
203.1650, 205.6132

■ 16.5239, 19.1977,
17.7599

225.6239,
247.5383, 251.7048

■ 9.9888, 11.8133,
10.6101

272.2537,
297.9434, 304.2159

■ 5.4538, 6.6166,
5.6944

324.9023,

■ 2.5534, 3.2235,

354.7647, 363.5652

2.5944

383.9353,
418.3866, 430.1711

■ 0.9222, 1.2495,
0.8896

■ 0.0000, 0.1016,
0.0000

■ 69.9715, 78.3025,
77.0716

■ 69.9715, 78.3025,
77.0716

■ 61.0328, 73.9916,
63.3280

■ 80.2430, 83.2650,
92.6845

■ 53.3658, 70.2957,
51.3786

■ 88.7144, 87.3287,
106.7881

■ 46.9147, 67.1897,
41.1510

■ 41.6167, 64.6430,
32.5657

■ 37.4034, 62.6222,
25.5373

■ 34.1993, 61.0903,
19.9723

■ 31.9190, 60.0055,
15.7674

■ 30.4628, 59.3188,
12.8058

■ 29.6958, 58.9637,
10.9504

Harmonies

Analogous

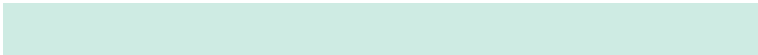
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9930, 78.3025, 72.1560



69.9715, 78.3025, 77.0716



69.1411, 78.3025, 84.4388

Triad

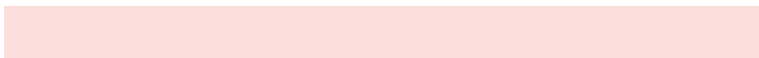
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9715, 78.3025, 77.0716



74.1375, 78.3025, 101.7201



79.3610, 78.3025, 78.4103

Complementary

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



69.9715, 78.3025, 77.0716



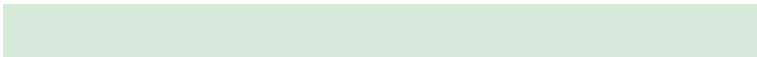
72.8004, 71.9213, 86.3929

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.



79.9698, 78.3025, 86.0827



69.9715, 78.3025, 77.0716



76.9094, 78.3025, 99.8574

Square

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



69.9715, 78.3025, 77.0716



71.5079, 78.3025, 98.9469



79.0619, 78.3025, 94.0047



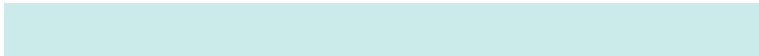
77.4187, 78.3025, 72.8939

Rectangle

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



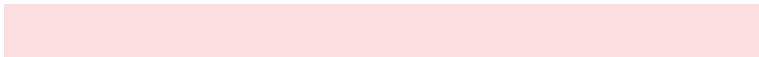
69.9715, 78.3025, 77.0716



69.3587, 78.3025, 89.8689



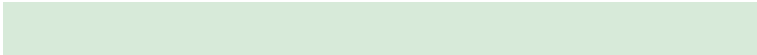
79.0619, 78.3025, 94.0047



79.7305, 78.3025, 80.8078

Sweetspot

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



69.9737, 78.3058, 77.0733



92.4724, 98.7551, 104.9899



75.0031, 80.9285, 75.9585



19.8199, 21.1507, 22.5131



0.0000, 0.0000, 0.0000



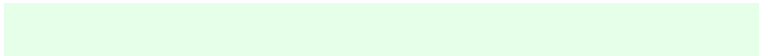
20.3446, 21.4041, 23.3091

Same Dimension

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



69.9737, 78.3058, 77.0733



82.8246, 94.0971, 90.2784



71.2320, 78.8092, 83.6997



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.



72.8004, 71.9213, 86.3929



87.0187, 84.6240, 104.1058



71.5000, 71.4012, 79.5450



15.6425, 15.2849, 18.6687



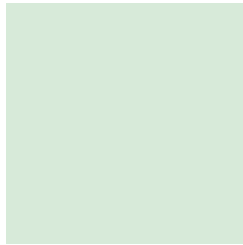
25.5887, 12.4382, 35.2310



2.0290, 0.9846, 2.8700

Previews

White Background



This preview shows how the XYZ color 69.9715, 78.3025, 77.0716 looks on a white background.

Color Contrast Check

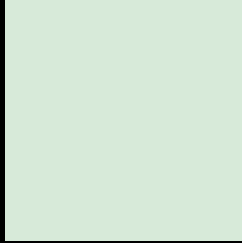
Large Text (above 18pt) WCAG AA × Fail

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 69.9715, 78.3025, 77.0716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

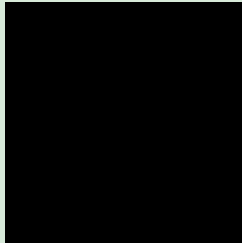
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

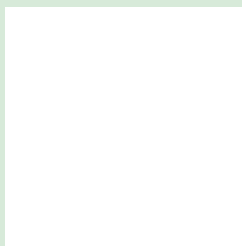
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9715, 78.3025, 77.0716

Background



This preview shows how black text looks on a background with the XYZ color 69.9715, 78.3025, 77.0716.

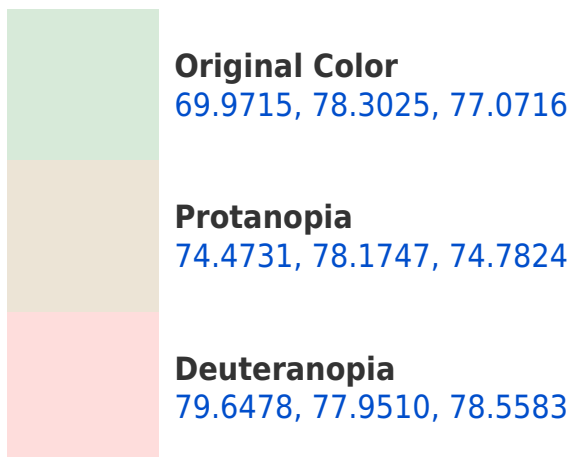


This preview shows how white text looks on a background with the XYZ color 69.9715, 78.3025,

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

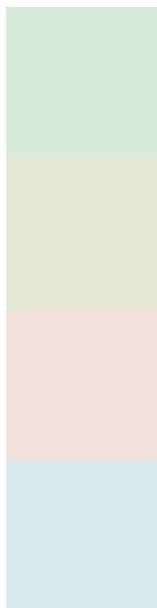




Tritanopia

74.4778, 78.0316, 99.9431

Trichromacy



Original Color

69.9715, 78.3025, 77.0716

Protanomaly

72.5575, 77.9939, 75.5201

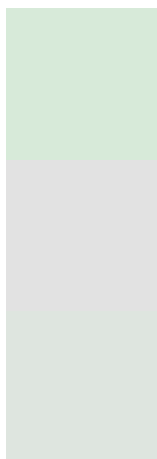
Deuteranomaly

75.9177, 78.0325, 78.0783

Tritanomaly

72.7754, 78.1717, 91.3737

Monochromacy



Original Color

69.9715, 78.3025, 77.0716

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.4628, 76.8959, 80.8879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9715, 78.3025, 77.0716 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, 234, 217) looks like.

```
.text, #text, p{  
    color:rgb(215, 234, 217)  
}
```

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, 234, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 234, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.9715, 78.3025, 77.0716 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, 234, 217) }
```


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

```
.border{ border-color:rgb(215, 234, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 234, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 234, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 234, 217);  
box-shadow:4px 4px 4px 4px rgb(215, 234,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9715, 78.3025, 77.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 234, 217) }
```

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

```
.background{ background-color: rgb(215,  
234, 217) }
```

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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