

Converting Colors

XYZ(69.9129, 76.3587, 78.3231)

Have a look what the booklet for
XYZ(69.9129, 76.3587, 78.3231)
contains.

XYZ(69.9964, 76.6135, 78.1165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.9964, 76.6135,
78.1165)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE6DB
RGB	218, 230, 219
RGB Percent	85%, 90%, 86%
CMY	0.1451, 0.0980, 0.1412
CMYK	0.05, 0.00, 0.05, 0.10
HSL	125°, 19%, 88%
HSV	125°, 5%, 90%
XYZ	69.9964, 76.6135, 78.1165
YIQ	225.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

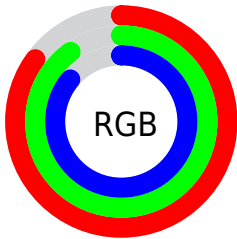
Format	Color
RYB	218, 229, 230
Decimal	14345947
CIELab	90.14, -5.99, 3.96
CIElCh	90, 7.181, 146.509
Yxy	76.6135, 0.3115, 0.3409
Android (android.graphics.Color)	4292536027 (0xFFDAE6DB)
YUV	225.1580, -3.0359, -6.2776
Hunter-Lab	87.5291, -10.4309, 8.3563

Details

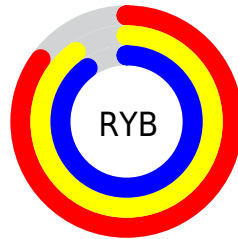
The XYZ color **69.9964, 76.6135, 78.1165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8501, 72.6248, 84.3635**, and the grayscale version is **71.7064, 75.4408, 82.1550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1351, 41.1268, 41.1030** is the 20% darker color. If you saturate the color by 10%, you get **60.9877, 72.2722, 64.1119**, and if you desaturate by 10%, it is **80.3155, 81.5940, 94.0209**.

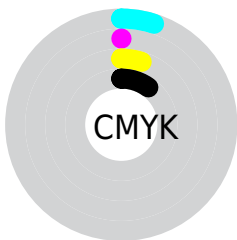
Distribution



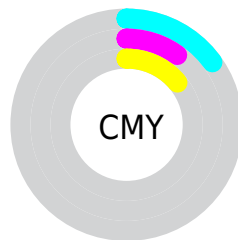
- Red (85%)
- Green (90%)
- Blue (86%)



- Red (85%)
- Yellow (90%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9964, 76.6135, 78.1165 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 69.9964, 76.6135, 78.1165 by changing the saturation by 10% instead.

69.9964, 76.6135,
78.1165

69.9964, 76.6135,
78.1165

449.8040,
483.4452, 508.1008

51.8032, 56.9357,
57.6527

118.2299,
128.5938, 132.5017

37.0719, 40.9536,
41.1166

149.0009,
161.6650, 167.2602

25.4371, 28.2829,
28.0898

184.6953,
199.9695, 207.6206

16.5334, 18.5390,
18.1538

225.6782,
243.8918, 254.0015

9.9956, 11.3376,
10.8899

272.3153,
293.8160, 306.8214

5.4583, 6.2944,
5.8796

324.9716,

2.5561, 3.0249,

350.1268, 366.4989

2.7044

384.0128,
413.2084, 433.4525

■ 0.9236, 1.1448,
0.9456

■ 0.0000, 0.0159,
0.0000

■ 69.9964, 76.6135,
78.1165

■ 69.9964, 76.6135,
78.1165

■ 60.9877, 72.2722,
64.1119

■ 80.3155, 81.5940,
94.0209

■ 53.2309, 68.5350,
51.9312

■ 87.5883, 85.0766,
106.4128

■ 46.6723, 65.3780,
41.5009

■ 41.2521, 62.7720,
32.7406

■ 36.9052, 60.6855,
25.5636

■ 33.5600, 59.0834,
19.8753

■ 31.1362, 57.9266,
15.5711

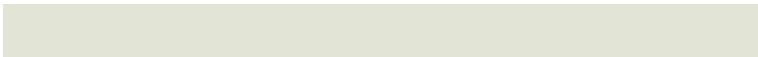
■ 29.5408, 57.1698,
12.5331

■ 28.6611, 56.7576,
10.6232

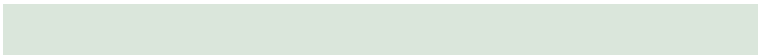
Harmonies

Analogous

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



71.2990, 76.6135, 74.9360



69.9964, 76.6135, 78.1165



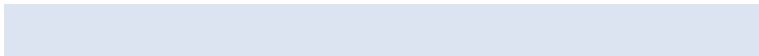
69.4495, 76.6135, 82.8224

Triad

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



69.9964, 76.6135, 78.1165



72.6102, 76.6135, 93.6103



75.9307, 76.6135, 79.1122

Complementary

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



69.9964, 76.6135, 78.1165



71.8501, 72.6248, 84.3635

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.



76.2954, 76.6135, 84.0186



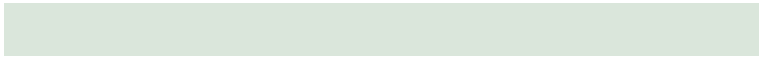
69.9964, 76.6135, 78.1165



74.3601, 76.6135, 92.5193

Square

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



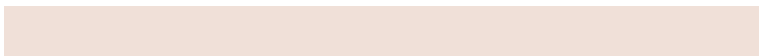
69.9964, 76.6135, 78.1165



70.9430, 76.6135, 91.8800



75.7161, 76.6135, 88.9563



74.7275, 76.6135, 75.4942

Rectangle

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



69.9964, 76.6135, 78.1165



69.5804, 76.6135, 86.2409



75.7161, 76.6135, 88.9563



76.1562, 76.6135, 80.6595

Sweetspot

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



69.9985, 76.6168, 78.1182



92.4549, 98.7481, 104.8973



73.3319, 78.3504, 77.5887



19.8163, 21.1493, 22.4943



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.



69.9985, 76.6168, 78.1182



87.4669, 96.3422, 97.1854



70.7760, 76.9277, 82.2120



14.8060, 16.3825, 16.3987



16.1054, 32.0743, 5.7894



1.2071, 2.3770, 0.5172

Inverse Universe

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



71.8501, 72.6248, 84.3635



90.1572, 90.5418, 106.2598



71.0533, 72.3061, 80.1672



15.3075, 15.3012, 18.0903



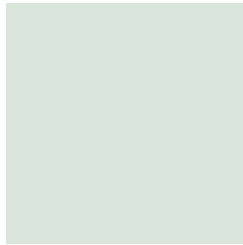
25.1421, 12.1911, 35.9729



1.8733, 0.9070, 2.7393

Previews

White Background



This preview shows how the XYZ color 69.9964, 76.6135, 78.1165 looks on a white background.

Color Contrast Check

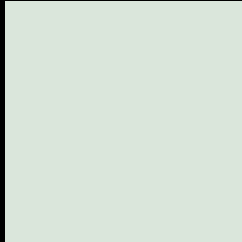
Large Text (above 18pt) WCAG AA × Fail

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 69.9964, 76.6135, 78.1165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

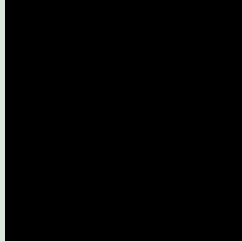
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

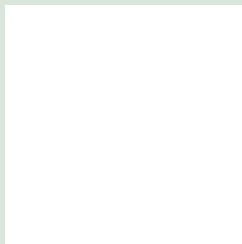
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9964, 76.6135, 78.1165

Background



This preview shows how black text looks on a background with the XYZ color 69.9964, 76.6135, 78.1165.

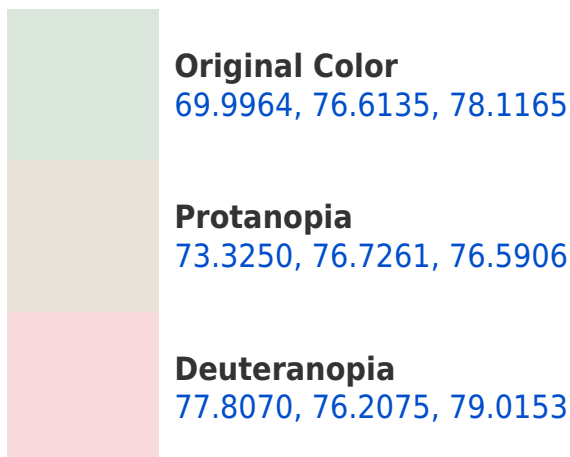


This preview shows how white text looks on a background with the XYZ color 69.9964, 76.6135,

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

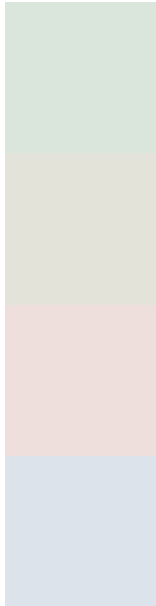




Tritanopia

73.6497, 76.4540, 96.4633

Trichromacy



Original Color

69.9964, 76.6135, 78.1165

Protanomaly

72.1189, 76.4941, 77.2934

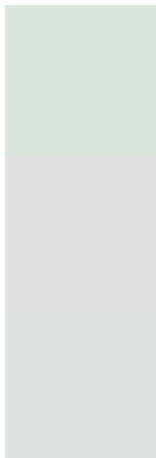
Deuteranomaly

74.5658, 76.1198, 78.4727

Tritanomaly

72.2833, 76.3085, 89.5165

Monochromacy



Original Color

69.9964, 76.6135, 78.1165

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.9126, 75.7955, 80.7045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9964, 76.6135, 78.1165 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(218, 230, 219) looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 219)  
}
```

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(218, 230, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.9964, 76.6135, 78.1165 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(218, 230, 219) }
```


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

```
.border{ border-color:rgb(218, 230, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 230, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 219);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9964, 76.6135, 78.1165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 219) }
```

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

```
.background{ background-color: rgb(218,  
230, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor