

Converting Colors

XYZ(69.0552, 73.8971, 77.7917)

Have a look what the booklet for
XYZ(69.0552, 73.8971, 77.7917)
contains.

XYZ(69.2266, 74.1805, 77.6875)	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(69.2266, 74.1805,
77.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE1DB
RGB	220, 225, 219
RGB Percent	86%, 88%, 86%
CMY	0.1372, 0.1176, 0.1412
CMYK	0.02, 0.00, 0.03, 0.12
HSL	110°, 9%, 87%
HSV	110°, 3%, 88%
XYZ	69.2266, 74.1805, 77.6875
YIQ	222.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

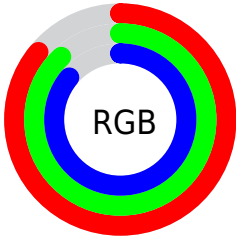
Format	Color
R _Y B	219, 225, 224
Decimal	14475739
CIE Lab	89.01, -2.76, 2.33
CIE LCh	89, 3.610, 139.742
Yxy	74.1805, 0.3131, 0.3355
Android (android.graphics.Color)	4292665819 (0xFFDCE1DB)
YUV	222.8210, -1.8838, -2.4740
Hunter-Lab	86.1281, -7.2524, 6.8101

Details

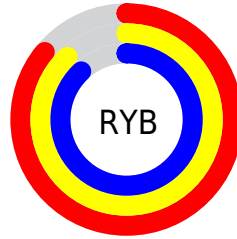
The XYZ color **69.2266, 74.1805, 77.6875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6654, 71.9486, 81.4536**, and the grayscale version is **70.0274, 73.6743, 80.2313**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5926, 39.4291, 40.8039** is the 20% darker color. If you saturate the color by 10%, you get **61.1018, 70.3136, 62.8756**, and if you desaturate by 10%, it is **78.3928, 78.5422, 94.6413**.

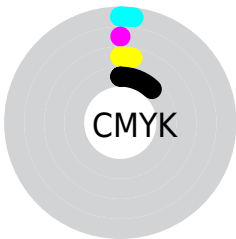
Distribution



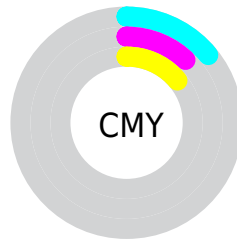
- Red (86%)
- Green (88%)
- Blue (86%)



- Red (86%)
- Yellow (88%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2266, 74.1805, 77.6875 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 69.2266, 74.1805, 77.6875 by changing the saturation by 10% instead.

■ 69.2266, 74.1805,
77.6875

■ 69.2266, 74.1805,
77.6875

447.1387,
475.0961, 506.6047

■ 51.1736, 54.9418,
57.3024

117.1375,
125.1516, 131.8914

■ 36.5684, 39.3551,
40.8371

147.7260,
157.6529, 166.5472

■ 25.0456, 27.0361,
27.8731

183.2238,
195.3437, 206.7970

■ 16.2400, 17.6003,
17.9918

223.9962,
238.6086, 253.0593

■ 9.7860, 10.6634,
10.7747

270.4085,
287.8318, 305.7527

■ 5.3185, 5.8410,
5.8033

322.8261,

■ 2.4720, 2.7486,

343.3979, 365.2957

2.6590

381.6144,
405.6912, 432.1068

■ 0.8812, 1.0020,
0.9227

■ 0.0000, 0.0000,
0.0000

■ 69.2266, 74.1805,
77.6875

■ 69.2266, 74.1805,
77.6875

■ 61.1018, 70.3136,
62.8756

■ 78.3928, 78.5422,
94.6413

■ 53.9752, 66.9147,
50.1158

■ 86.2166, 82.3332,
105.9555

■ 47.8099, 63.9690,
39.3190

■ 42.5641, 61.4569,
30.3877

■ 38.1932, 59.3578,
23.2164

■ 34.6484, 57.6491,
17.6884

■ 31.8763, 56.3060,
13.6736

■ 29.8169, 55.3009,
11.0219

■ 28.4004, 54.6018,
9.5523

Harmonies

Analogous

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



69.9380, 74.1805, 76.3069



69.2266, 74.1805, 77.6875



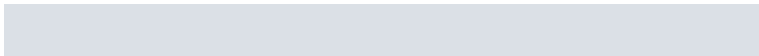
68.8591, 74.1805, 79.9126

Triad

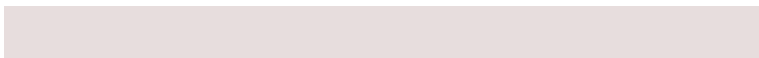
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2266, 74.1805, 77.6875



70.2063, 74.1805, 85.6186



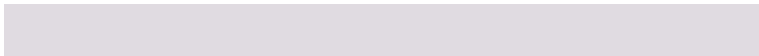
72.1063, 74.1805, 79.1487

Complementary

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



69.2266, 74.1805, 77.6875



69.6654, 71.9486, 81.4536

Split Complementary

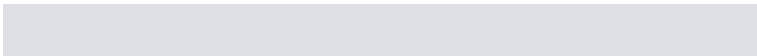
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1796, 74.1805, 81.6335



69.2266, 74.1805, 77.6875



71.0778, 74.1805, 85.4038

Square

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



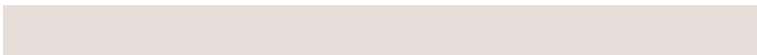
69.2266, 74.1805, 77.6875



69.4217, 74.1805, 84.5138



71.8018, 74.1805, 83.9329



71.6023, 74.1805, 77.1383

Rectangle

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



69.2266, 74.1805, 77.6875



68.8565, 74.1805, 81.5904



71.8018, 74.1805, 83.9329



72.1823, 74.1805, 79.9551

Sweetspot

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



69.2287, 74.1837, 77.6891



93.8645, 99.4360, 106.7157



70.4963, 74.4367, 77.6712



20.1034, 21.2893, 22.8646



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.



69.2287, 74.1837, 77.6891



91.5356, 98.3278, 102.4338



69.1921, 74.1342, 79.0711



14.7481, 15.9261, 16.4039



16.0309, 31.2967, 5.1960



1.1765, 2.2030, 0.3632

Inverse Universe

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



69.6654, 71.9486, 81.4536



92.1907, 94.9750, 108.0808



69.7047, 72.0002, 80.0385



14.8807, 15.2477, 17.5465



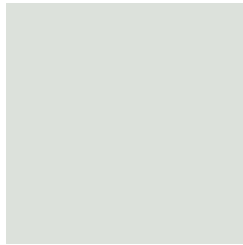
19.8008, 9.3030, 41.8004



1.4328, 0.6759, 2.9002

Previews

White Background



This preview shows how the XYZ color 69.2266, 74.1805, 77.6875 looks on a white background.

Color Contrast Check

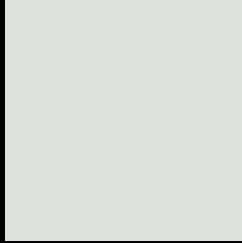
Large Text (above 18pt) WCAG AA × Fail

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 69.2266, 74.1805, 77.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

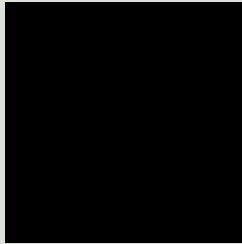
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

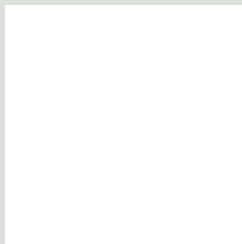
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2266, 74.1805, 77.6875

Background



This preview shows how black text looks on a background with the XYZ color 69.2266, 74.1805, 77.6875.

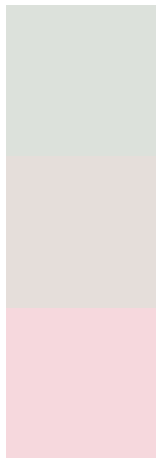


This preview shows how white text looks on a background with the XYZ color 69.2266, 74.1805,

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

69.2266, 74.1805, 77.6875

Protanopia

71.0893, 73.9625, 76.8591

Deuteranopia

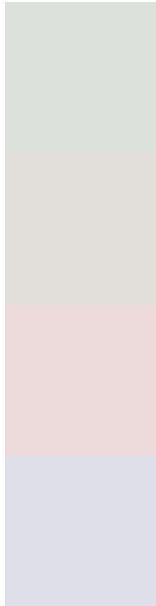
75.6130, 73.9250, 78.6903



Tritanopia

72.1327, 74.1625, 92.1744

Trichromacy



Original Color

69.2266, 74.1805, 77.6875

Protanomaly

70.4066, 74.0061, 76.9034

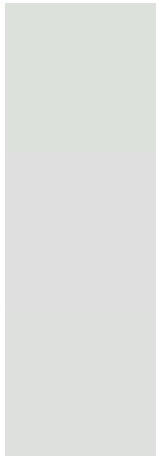
Deuteranomaly

73.1748, 73.8349, 78.1050

Tritanomaly

71.0774, 74.1311, 86.9065

Monochromacy



Original Color

69.2266, 74.1805, 77.6875

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.9647, 74.1148, 79.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2266, 74.1805, 77.6875 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(220, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 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(220, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.2266, 74.1805, 77.6875 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(220, 225, 219) }
```


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

```
.border{ border-color:rgb(220, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2266, 74.1805, 77.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 219) }
```

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

```
.background{ background-color: rgb(220,  
225, 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