

Converting Colors

XYZ(69.3114, 74.7505, 78.1739)

Have a look what the booklet for
XYZ(69.3114, 74.7505, 78.1739)
contains.

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Color

**XYZ(69.3280, 74.6201,
78.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE2DC
RGB	219, 226, 220
RGB Percent	86%, 89%, 86%
CMY	0.1412, 0.1137, 0.1372
CMYK	0.03, 0.00, 0.03, 0.11
HSL	129°, 11%, 87%
HSV	129°, 3%, 89%
XYZ	69.3280, 74.6201, 78.4593
YIQ	223.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

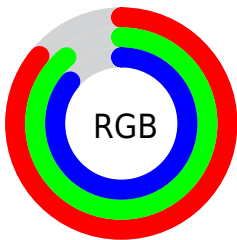
Format	Color
R _Y B	219, 225, 226
Decimal	14410460
CIE Lab	89.21, -3.43, 2.10
CIE LCh	89, 4.020, 148.507
Yxy	74.6201, 0.3117, 0.3355
Android (android.graphics.Color)	4292600540 (0xFFDBE2DC)
YUV	223.2230, -1.5889, -3.7036
Hunter-Lab	86.3829, -7.9121, 6.6165

Details

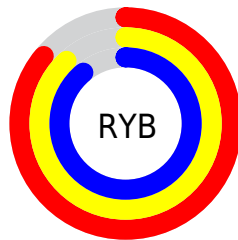
The XYZ color **69.3280, 74.6201, 78.4593** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2889, 72.2698, 81.4826**, and the grayscale version is **70.3116, 73.9733, 80.5569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6643, 39.7349, 41.3345** is the 20% darker color. If you saturate the color by 10%, you get **60.5662, 70.3848, 65.4233**, and if you desaturate by 10%, it is **79.3146, 79.4566, 93.1078**.

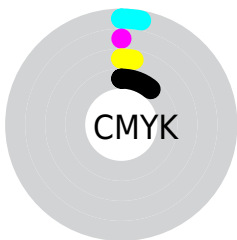
Distribution



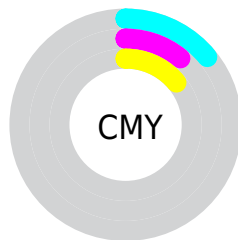
- Red (86%)
- Green (89%)
- Blue (86%)



- Red (86%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3280, 74.6201, 78.4593 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 69.3280, 74.6201, 78.4593 by changing the saturation by 10% instead.

■ 69.3280, 74.6201,
78.4593

■ 69.3280, 74.6201,
78.4593

447.4903,
476.6108, 509.2945

■ 51.2565, 55.3017,
57.9327

117.2814,
125.7745, 132.9891

■ 36.6346, 39.6433,
41.3402

147.8941,
158.3792, 167.8294

■ 25.0971, 27.2606,
28.2633

183.4178,
196.1816, 208.2780

■ 16.2785, 17.7690,
18.2835

224.2180,
239.5659, 254.7535

■ 9.8136, 10.7843,
10.9821

270.6600,
288.9166, 307.6743

■ 5.3368, 5.9220,
5.9408

323.1091,

■ 2.4830, 2.7977,

344.6180, 367.4590

2.7409

381.9307,
407.0546, 434.5262

■ 0.8867, 1.0270,
0.9639

■ 0.0000, 0.0000,
0.0000

■ 69.3280, 74.6201,
78.4593

■ 69.3280, 74.6201,
78.4593

■ 60.5662, 70.3848,
65.4233

■ 79.3146, 79.4566,
93.1078

■ 52.9757, 66.7181,
53.9399

■ 86.4878, 82.8756,
106.0459

■ 46.5087, 63.5986,
43.9528

■ 41.1113, 60.9998,
35.4003

■ 36.7254, 58.8933,
28.2164

■ 33.2872, 57.2475,
22.3300

■ 30.7255, 56.0276,
17.6636

■ 28.9592, 55.1934,
14.1313

■ 27.8909, 54.6968,
11.6361

Harmonies

Analogous

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



70.0278, 74.6201, 76.5936



69.3280, 74.6201, 78.4593



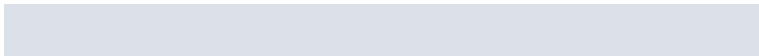
69.0553, 74.6201, 81.1079

Triad

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



69.3280, 74.6201, 78.4593



70.8750, 74.6201, 86.7690



72.5946, 74.6201, 78.6978

Complementary

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



69.3280, 74.6201, 78.4593



70.2889, 72.2698, 81.4826

Split Complementary

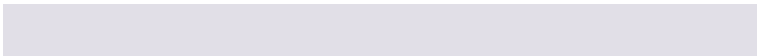
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8264, 74.6201, 81.3895



69.3280, 74.6201, 78.4593



71.8281, 74.6201, 86.0884

Square

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



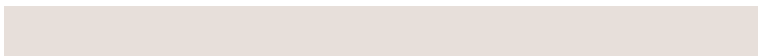
69.3280, 74.6201, 78.4593



69.9434, 74.6201, 85.9422



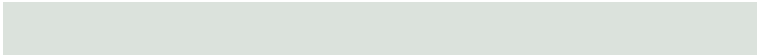
72.5446, 74.6201, 84.1032



71.9140, 74.6201, 76.7291

Rectangle

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



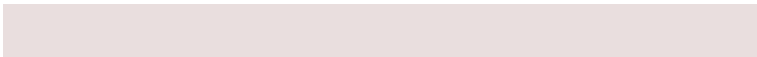
69.3280, 74.6201, 78.4593



69.1506, 74.6201, 82.9753



72.5446, 74.6201, 84.1032



72.7278, 74.6201, 79.5461

Sweetspot

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



69.3301, 74.6233, 78.4609



93.7681, 99.3796, 107.0135



71.0578, 75.5292, 77.8521



20.0837, 21.2779, 22.9252



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.



69.3301, 74.6233, 78.4609



90.0205, 97.5661, 101.4832



69.7899, 74.8072, 80.8824



14.5050, 15.8028, 16.3038



15.6924, 31.1018, 6.1033



1.1134, 2.1661, 0.5581

Inverse Universe

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



70.2889, 72.2698, 81.4826



91.6482, 93.5704, 106.6133



69.8247, 72.0842, 79.0385



14.8139, 15.0445, 17.2774



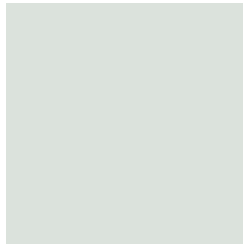
23.4645, 11.4528, 30.1753



1.6498, 0.8032, 2.2147

Previews

White Background



This preview shows how the XYZ color 69.3280, 74.6201, 78.4593 looks on a white background.

Color Contrast Check

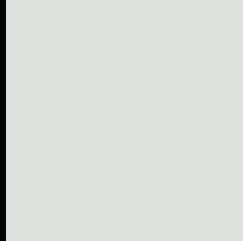
Large Text (above 18pt) WCAG AA × Fail

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 69.3280, 74.6201, 78.4593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

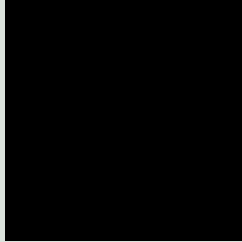
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

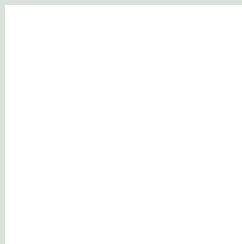
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3280, 74.6201, 78.4593

Background



This preview shows how black text looks on a background with the XYZ color 69.3280, 74.6201, 78.4593.

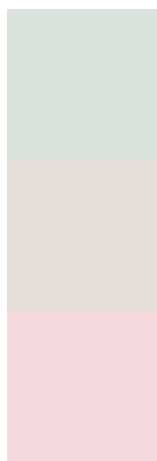


This preview shows how white text looks on a background with the XYZ color 69.3280, 74.6201,

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

69.3280, 74.6201, 78.4593

Protanopia

71.3557, 74.4953, 76.9479

Deuteranopia

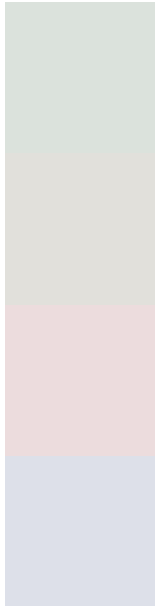
76.0037, 74.4925, 79.4799



Tritanopia

72.3891, 74.6558, 93.8138

Trichromacy



Original Color

69.3280, 74.6201, 78.4593

Protanomaly

70.4932, 74.4333, 77.6695

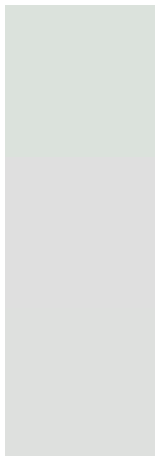
Deuteranomaly

73.2364, 74.2397, 78.8763

Tritanomaly

71.1824, 74.5667, 87.7319

Monochromacy



Original Color

69.3280, 74.6201, 78.4593

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 69.3280, 74.6201, 78.4593 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(219, 226, 220) looks like.

```
.text, #text, p{  
    color:rgb(219, 226, 220)  
}
```

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(219, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 220) }
```

Border

The CSS property to change the border of an element to XYZ 69.3280, 74.6201, 78.4593 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(219, 226, 220) }
```


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

```
.border{ border-color:rgb(219, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 226,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3280, 74.6201, 78.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 226, 220) }
```

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

```
.background{ background-color: rgb(219,  
226, 220) }
```

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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