

Converting Colors

XYZ(69.3323, 73.9692, 79.3587)

Have a look what the booklet for
XYZ(69.3323, 73.9692, 79.3587)
contains.

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Color

**XYZ(69.2220, 73.7474,
78.9929)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE0DD
RGB	220, 224, 221
RGB Percent	86%, 88%, 87%
CMY	0.1372, 0.1215, 0.1333
CMYK	0.02, 0.00, 0.01, 0.12
HSL	135°, 6%, 87%
HSV	135°, 2%, 88%
XYZ	69.2220, 73.7474, 78.9929
YIQ	222.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

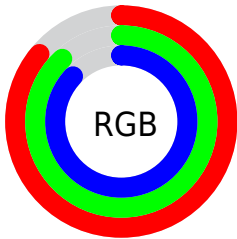
Format	Color
RYB	220, 223, 224
Decimal	14475485
CIELab	88.80, -1.88, 0.98
CIELCh	89, 2.124, 152.390
Yxy	73.7474, 0.3119, 0.3323
Android (android.graphics.Color)	4292665565 (0xFFDCE0DD)
YUV	222.4620, -0.7208, -2.1592
Hunter-Lab	85.8763, -6.4007, 5.5758

Details

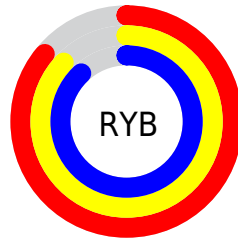
The XYZ color **69.2220, 73.7474, 78.9929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6557, 72.3633, 80.1120**, and the grayscale version is **69.7652, 73.3984, 79.9309**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5880, 39.1284, 41.7005** is the 20% darker color. If you saturate the color by 10%, you get **60.7634, 69.6348, 67.4887**, and if you desaturate by 10%, it is **78.8174, 78.4243, 91.7234**.

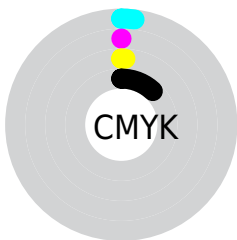
Distribution



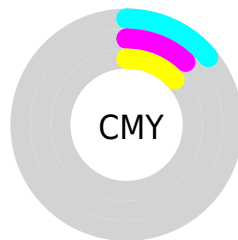
- Red (86%)
- Green (88%)
- Blue (87%)



- Red (86%)
- Yellow (87%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2220, 73.7474, 78.9929 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 69.2220, 73.7474, 78.9929 by changing the saturation by 10% instead.

■ 69.2220, 73.7474,
78.9929

■ 69.2220, 73.7474,
78.9929

447.1227,
473.6011, 511.1493

■ 51.1698, 54.5873,
58.3687

117.1309,
124.5377, 133.7474

■ 36.5654, 39.0714,
41.6885

147.7184,
156.9366, 168.7149

■ 25.0433, 26.8153,
28.5337

183.2150,
194.5174, 209.3004

■ 16.2382, 17.4345,
18.4858

223.9861,
237.6642, 255.9227

■ 9.7848, 10.5448,
11.1263

270.3971,
286.7617, 309.0001

■ 5.3177, 5.7616,
6.0366

322.8133,

■ 2.4715, 2.7007,

342.1940, 368.9514

2.7982

381.6000,
404.3457, 436.1949

■ 0.8809, 0.9775,
0.9925

■ 0.0000, 0.0000,
0.0000

■ 69.2220, 73.7474,
78.9929

■ 69.2220, 73.7474,
78.9929

■ 60.7634, 69.6348,
67.4887

■ 78.8174, 78.4243,
91.7234

■ 53.3929, 66.0560,
57.1696

■ 85.8846, 81.7692,
105.5369

■ 47.0675, 62.9915,
47.9995

■ 85.9471, 81.7941,
105.8657

■ 41.7389, 60.4174,
39.9382

■ 37.3549, 58.3077,
32.9436

■ 33.8585, 56.6338,
26.9706

■ 31.1862, 55.3641,
21.9711

■ 29.2659, 54.4624,
17.8928

■ 28.0118, 53.8857,
14.6786

Harmonies

Analogous

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



69.5663, 73.7474, 77.9304



69.2220, 73.7474, 78.9929



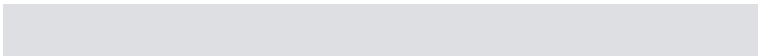
69.1112, 73.7474, 80.4166

Triad

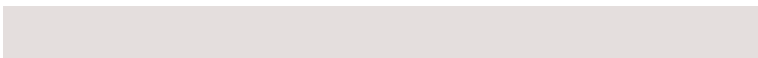
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2220, 73.7474, 78.9929



70.1359, 73.7474, 83.1616



70.9331, 73.7474, 78.7907

Complementary

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



69.2220, 73.7474, 78.9929



69.6557, 72.3633, 80.1120

Split Complementary

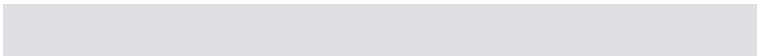
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0874, 73.7474, 80.1803



69.2220, 73.7474, 78.9929



70.6258, 73.7474, 82.7139

Square

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



69.2220, 73.7474, 78.9929



69.6374, 73.7474, 82.8344



70.9747, 73.7474, 81.6182



70.5540, 73.7474, 77.8147

Rectangle

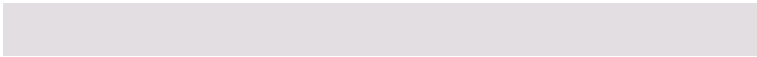
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



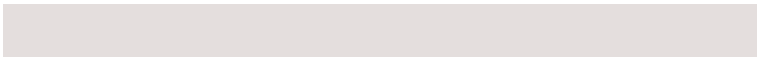
69.2220, 73.7474, 78.9929



69.1843, 73.7474, 81.3821



70.9747, 73.7474, 81.6182



71.0131, 73.7474, 79.2243

Sweetspot

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



69.2241, 73.7506, 78.9945



93.8115, 99.3970, 107.2423



70.0289, 74.1808, 78.3386



20.0926, 21.2814, 22.9718



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.



69.2241, 73.7506, 78.9945



92.5885, 98.8015, 105.6013



69.4836, 73.8544, 80.3611



15.0839, 16.0818, 17.2088



15.9692, 31.2125, 7.5609



1.1424, 2.1777, 0.7112

Inverse Universe

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



69.6557, 72.3633, 80.1120



93.2401, 96.7073, 107.2882



69.3961, 72.2595, 78.7448



15.1833, 15.7621, 17.4663



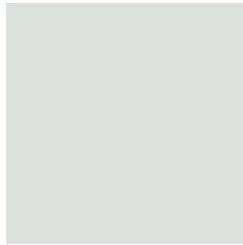
22.0580, 10.8902, 22.7691



1.5640, 0.7689, 1.7630

Previews

White Background



This preview shows how the XYZ color 69.2220, 73.7474, 78.9929 looks on a white background.

Color Contrast Check

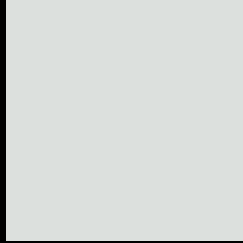
Large Text (above 18pt) WCAG AA × Fail

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 69.2220, 73.7474, 78.9929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

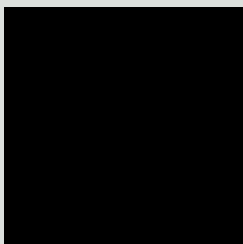
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

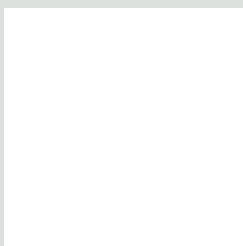
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2220, 73.7474, 78.9929

Background



This preview shows how black text looks on a background with the XYZ color 69.2220, 73.7474, 78.9929.

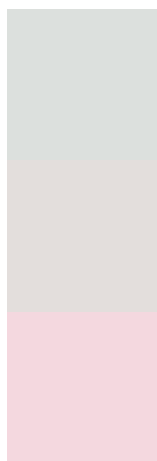


This preview shows how white text looks on a background with the XYZ color 69.2220, 73.7474,

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

69.2220, 73.7474, 78.9929

Protanopia

70.7181, 73.7408, 78.2163

Deuteranopia

75.1834, 73.6725, 80.0697



Tritanopia

71.8679, 73.6329, 92.0861

Trichromacy



Original Color

69.2220, 73.7474, 78.9929

Protanomaly

70.0464, 73.7900, 78.2612

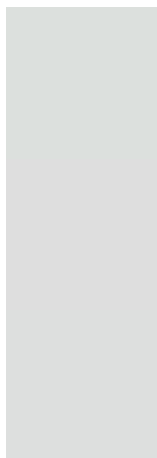
Deuteranomaly

72.7773, 73.5991, 79.4775

Tritanomaly

70.8110, 73.5983, 86.8177

Monochromacy



Original Color

69.2220, 73.7474, 78.9929

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3913, 73.4214, 79.6217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2220, 73.7474, 78.9929 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, 224, 221) looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 221)  
}
```

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, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 224, 221) }
```

Border

The CSS property to change the border of an element to XYZ 69.2220, 73.7474, 78.9929 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, 224, 221) }
```


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

```
.border{ border-color:rgb(220, 224, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 224, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 224,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2220, 73.7474, 78.9929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 224, 221) }
```

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

```
.background{ background-color: rgb(220,  
224, 221) }
```

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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