

Converting Colors

XYZ(71.5982, 74.2539, 78.4914)

Have a look what the booklet for
XYZ(71.5982, 74.2539, 78.4914)
contains.

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Color

**XYZ(71.6727, 74.2329,
78.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DEDC
RGB	230, 222, 220
RGB Percent	90%, 87%, 86%
CMY	0.0980, 0.1294, 0.1372
CMYK	0.00, 0.03, 0.04, 0.10
HSL	12°, 17%, 88%
HSV	12°, 4%, 90%
XYZ	71.6727, 74.2329, 78.2610
YIQ	224.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

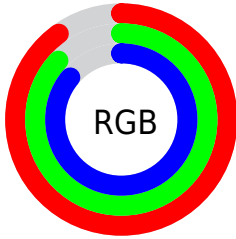
Format	Color
R _Y B	230, 223, 220
Decimal	15130332
CIE Lab	89.03, 2.38, 1.94
CIE LCh	89, 3.065, 39.192
Yxy	74.2329, 0.3197, 0.3312
Android (android.graphics.Color)	4293320412 (0xFFE6DEDC)
YUV	224.1640, -2.0529, 5.1182
Hunter-Lab	86.1585, -2.2886, 6.4556

Details

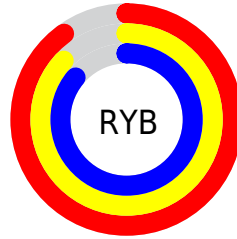
The XYZ color **71.6727, 74.2329, 78.2610** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5415, 76.4145, 85.8427**, and the grayscale version is **70.9821, 74.6787, 81.3251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2894, 39.4680, 41.1973** is the 20% darker color. If you saturate the color by 10%, you get **64.2132, 63.8573, 61.7655**, and if you desaturate by 10%, it is **80.0884, 85.8482, 97.1447**.

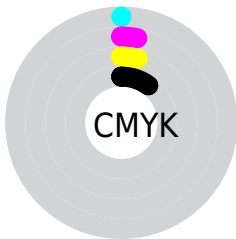
Distribution



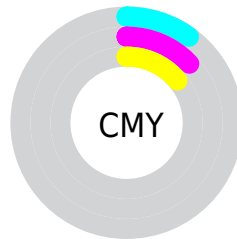
- Red (90%)
- Green (87%)
- Blue (86%)



- Red (90%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6727, 74.2329, 78.2610 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 71.6727, 74.2329, 78.2610 by changing the saturation by 10% instead.

■ 71.6727, 74.2329,
78.2610

■ 71.6727, 74.2329,
78.2610

455.5769,
475.2768, 508.6041

■ 53.1759, 54.9847,
57.7707

120.6044,
125.2259, 132.7072

■ 38.1712, 39.3895,
41.2108

151.7700,
157.7395, 167.5002

■ 26.2934, 27.0628,
28.1629

187.8892,
195.4436, 207.8978

■ 17.1771, 17.6204,
18.2084

229.3273,
238.7227, 254.3185

■ 10.4569, 10.6778,
10.9287

276.4498,
287.9612, 307.1810

■ 5.7675, 5.8506,
5.9054

329.6220,

■ 2.7436, 2.7545,

343.5435, 366.9038

2.7198

389.2093,
405.8539, 433.9053

■ 1.0196, 1.0049,
0.9534

■ 0.0000, 0.0000,
0.0000

■ 71.6727, 74.2329,
78.2610

■ 71.6727, 74.2329,
78.2610

■ 64.2132, 63.8573,
61.7655

■ 80.0884, 85.8482,
97.1447

■ 57.6695, 54.6710,
47.5581

■ 86.4435, 95.5632,
108.4972

■ 52.0077, 46.6340,
35.5388

■ 47.1893, 39.7006,
25.5983

■ 43.1729, 33.8221,
17.6177

■ 39.9134, 28.9460,
11.4663

■ 37.3611, 25.0152,
6.9970

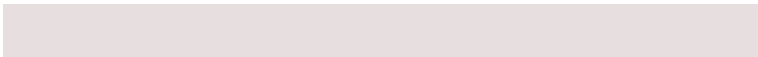
■ 35.4599, 21.9664,
4.0401

■ 34.1441, 19.7282,
2.3891

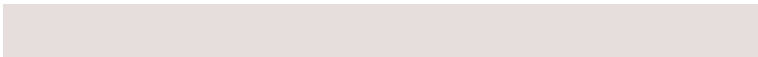
Harmonies

Analogous

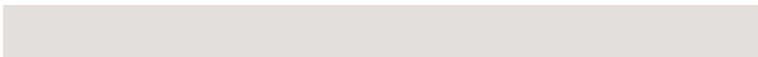
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9803, 74.2329, 80.1731



71.6727, 74.2329, 78.2610



71.0665, 74.2329, 77.0507

Triad

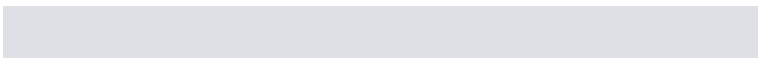
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6727, 74.2329, 78.2610



69.2249, 74.2329, 79.3777



70.7853, 74.2329, 84.9467

Complementary

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



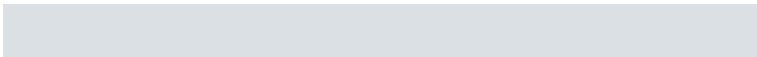
71.6727, 74.2329, 78.2610



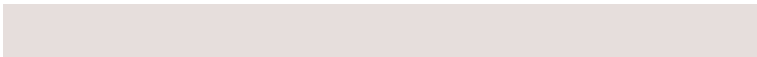
71.5415, 76.4145, 85.8427

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.



70.0483, 74.2329, 84.7247



71.6727, 74.2329, 78.2610



69.1509, 74.2329, 81.4844

Square

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



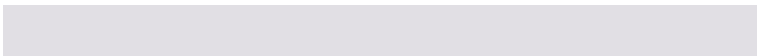
71.6727, 74.2329, 78.2610



69.6544, 74.2329, 77.6875



69.4512, 74.2329, 83.4485



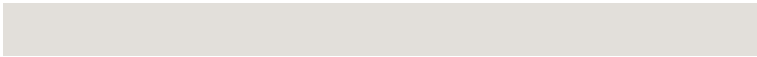
71.4657, 74.2329, 84.0499

Rectangle

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



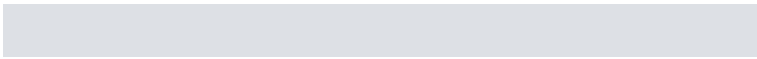
71.6727, 74.2329, 78.2610



70.5763, 74.2329, 76.7921



69.4512, 74.2329, 83.4485



70.5359, 74.2329, 85.0008

Sweetspot

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



71.6748, 74.2361, 78.2626



93.9951, 98.5428, 106.5364



72.2309, 73.6120, 83.8013



20.1299, 21.1076, 22.8281



0.0000, 0.0000, 0.0000



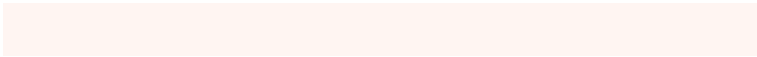
20.3446, 21.4041, 23.3091

Same Dimension

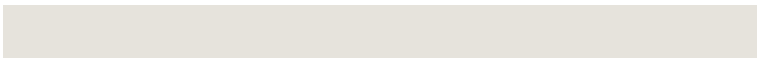
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6748, 74.2361, 78.2626



89.8981, 92.8728, 97.3895



73.0215, 76.9295, 78.7115



15.2318, 15.6973, 16.3768



19.0990, 10.7722, 1.0726



1.4762, 0.9257, 0.1009

Inverse Universe

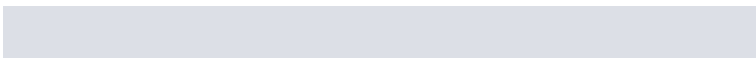
The Inverse Universe completely reimagines the original color for something new.



71.5415, 76.4145, 85.8427



89.7041, 96.0421, 108.4178



70.1869, 73.7053, 85.3912



15.1946, 16.3048, 18.4906



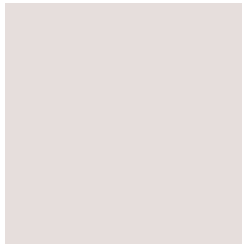
17.8678, 22.7978, 45.8419



1.3829, 1.8097, 3.4084

Previews

White Background



This preview shows how the XYZ color 71.6727, 74.2329, 78.2610 looks on a white background.

Color Contrast Check

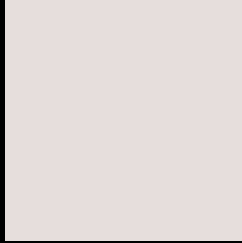
Large Text (above 18pt) WCAG AA × Fail

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 71.6727, 74.2329, 78.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

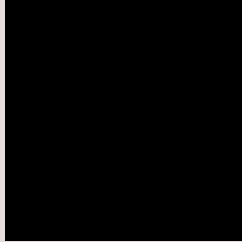
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

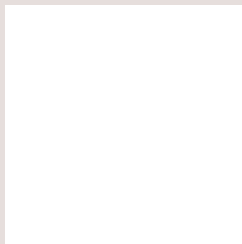
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6727, 74.2329, 78.2610

Background



This preview shows how black text looks on a background with the XYZ color 71.6727, 74.2329, 78.2610.

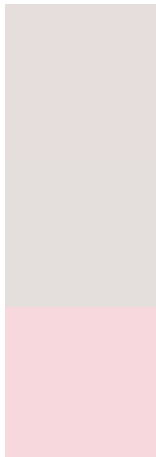


This preview shows how white text looks on a background with the XYZ color 71.6727, 74.2329,

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

71.6727, 74.2329, 78.2610

Protanopia

71.3009, 74.4366, 78.3199

Deuteranopia

75.6130, 73.9250, 78.6903



Tritanopia

73.8963, 73.9333, 90.4966

Trichromacy



Original Color

71.6727, 74.2329, 78.2610

Protanomaly

71.6190, 74.6007, 78.3348

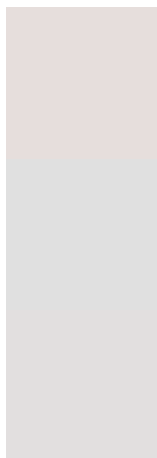
Deuteranomaly

74.0577, 73.8885, 78.7653

Tritanomaly

72.9720, 73.9448, 86.0281

Monochromacy



Original Color

71.6727, 74.2329, 78.2610

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0710, 74.2718, 80.4021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6727, 74.2329, 78.2610 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(230, 222, 220) looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 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(230, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 220) }
```

Border

The CSS property to change the border of an element to XYZ 71.6727, 74.2329, 78.2610 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(230, 222, 220) }
```


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

```
.border{ border-color:rgb(230, 222, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6727, 74.2329, 78.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 220) }
```

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

```
.background{ background-color: rgb(230,  
222, 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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