

Converting Colors

XYZ(72.5929, 78.1094, 84.4761)

Have a look what the booklet for
XYZ(72.5929, 78.1094, 84.4761)
contains.

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Color

**XYZ(72.7037, 78.2829,
84.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE7E4
RGB	222, 231, 228
RGB Percent	87%, 91%, 89%
CMY	0.1294, 0.0941, 0.1059
CMYK	0.04, 0.00, 0.01, 0.09
HSL	160°, 16%, 89%
HSV	160°, 4%, 91%
XYZ	72.7037, 78.2829, 84.6770
YIQ	227.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

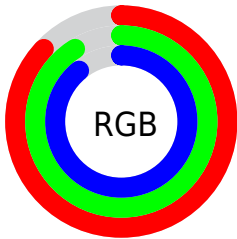
Format	Color
R _Y B	222, 227, 231
Decimal	14608356
CIE Lab	90.91, -3.54, 0.40
CIE LCh	91, 3.563, 173.484
Yxy	78.2829, 0.3085, 0.3322
Android (android.graphics.Color)	4292798436 (0xFFDEE7E4)
YUV	227.9670, 0.0163, -5.2331
Hunter-Lab	88.4776, -8.1591, 5.1912

Details

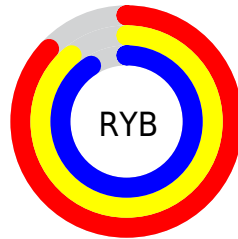
The XYZ color **72.7037, 78.2829, 84.6770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6698, 74.6697, 81.8206**, and the grayscale version is **73.7228, 77.5621, 84.4651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8091, 41.8926, 45.5758** is the 20% darker color. If you saturate the color by 10%, you get **65.0617, 74.4664, 78.8595**, and if you desaturate by 10%, it is **81.3672, 82.6249, 90.7945**.

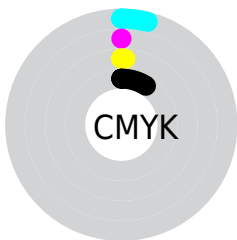
Distribution



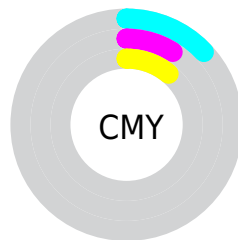
- Red (87%)
- Green (91%)
- Blue (89%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7037, 78.2829, 84.6770 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 72.7037, 78.2829, 84.6770 by changing the saturation by 10% instead.

■ 72.7037, 78.2829,
84.6770

■ 72.7037, 78.2829,
84.6770

459.1069,
489.1271, 530.6754

■ 54.0212, 58.3064,
63.0259

122.0619,
130.9488, 141.7920

■ 38.8494, 42.0550,
45.4210

153.4683,
164.4071, 178.0929

■ 26.8228, 29.1444,
31.4438

189.8468,
203.1280, 220.1142

■ 17.5761, 19.1901,
20.6758

231.5626,
247.4961, 268.2745

■ 10.7439, 11.8077,
12.6983

278.9812,
297.8956, 322.9922

■ 5.9609, 6.6129,
7.0928

332.4679,

■ 2.8618, 3.2212,

354.7110, 384.6859

3.4409

392.3880,
418.3267, 453.7741

■ 1.0811, 1.2483,
1.3239

■ 0.0092, 0.1006,
0.0813

■ 72.7037, 78.2829,
84.6770

■ 72.7037, 78.2829,
84.6770

■ 65.0617, 74.4664,
78.8595

■ 81.3672, 82.6249,
90.7945

■ 58.3949, 71.1450,
73.3318

■ 86.0578, 84.9110,
96.9766

■ 52.6629, 68.3001,
68.0904

■ 87.2492, 85.3876,
103.2501

■ 47.8201, 65.9083,
63.1298

■ 87.8674, 85.6349,
106.5058

■ 43.8170, 63.9442,
58.4443

■ 40.5989, 62.3796,
54.0278

■ 38.1043, 61.1830,
49.8739

■ 36.2625, 60.3178,
45.9756

■ 34.9870, 59.7398,
42.3252

Harmonies

Analogous

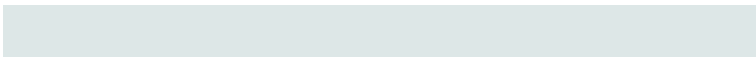
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0269, 78.2829, 82.3288



72.7037, 78.2829, 84.6770



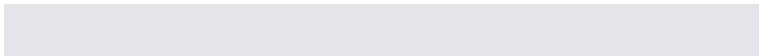
72.8336, 78.2829, 87.2219

Triad

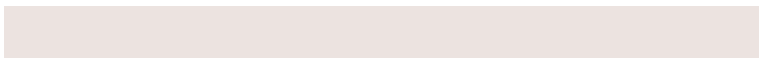
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7037, 78.2829, 84.6770



75.0955, 78.2829, 89.8517



75.4374, 78.2829, 81.3251

Complementary

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



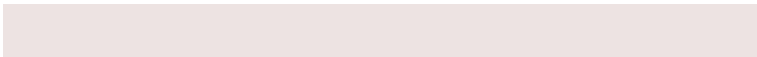
72.7037, 78.2829, 84.6770



72.6698, 74.6697, 81.8206

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.



76.0000, 78.2829, 83.2819



72.7037, 78.2829, 84.6770



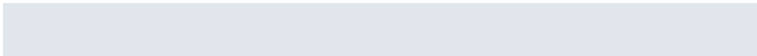
75.8015, 78.2829, 88.2124

Square

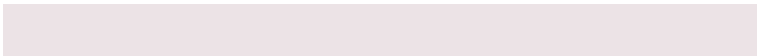
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



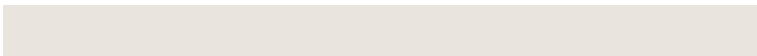
72.7037, 78.2829, 84.6770



74.2098, 78.2829, 90.2433



76.1337, 78.2829, 85.7990



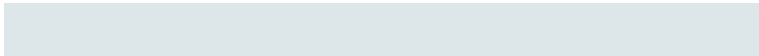
74.6016, 78.2829, 80.4189

Rectangle

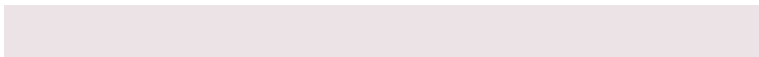
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7037, 78.2829, 84.6770



73.1601, 78.2829, 88.6841



76.1337, 78.2829, 85.7990



75.6650, 78.2829, 81.8799

Sweetspot

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



72.7059, 78.2862, 84.6787



93.9814, 99.4649, 108.1366



72.8615, 78.4610, 80.4126



20.1271, 21.2952, 23.1538



0.0000, 0.0000, 0.0000



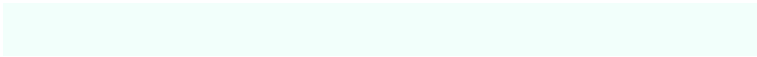
20.3446, 21.4041, 23.3091

Same Dimension

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



72.7059, 78.2862, 84.6787



89.8365, 97.3906, 105.1207



72.7501, 77.7014, 86.7689



15.2201, 16.5642, 17.8569



19.3469, 33.3708, 22.8586



1.4724, 2.4831, 1.9140

Inverse Universe

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



72.6698, 74.6697, 81.8206



89.7786, 91.5980, 100.5429



72.6236, 75.2275, 79.8010



15.2090, 15.4539, 16.9794



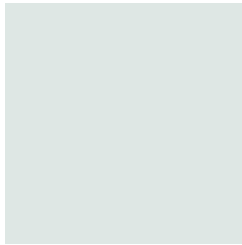
19.2788, 9.8457, 5.0971



1.4665, 0.7443, 0.5973

Previews

White Background



This preview shows how the XYZ color 72.7037, 78.2829, 84.6770 looks on a white background.

Color Contrast Check

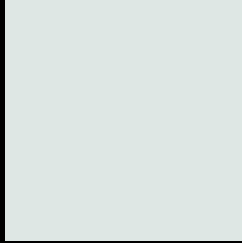
Large Text (above 18pt) WCAG AA × Fail

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 72.7037, 78.2829, 84.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

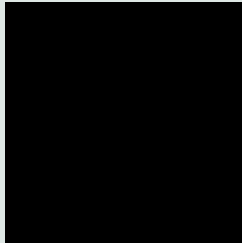
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

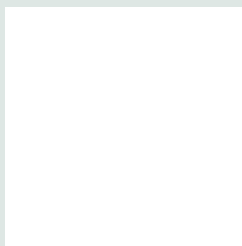
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7037, 78.2829, 84.6770

Background



This preview shows how black text looks on a background with the XYZ color 72.7037, 78.2829, 84.6770.



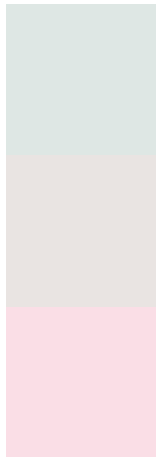
This preview shows how white text looks on a background with the XYZ color 72.7037, 78.2829, 84.6770.

84.6770.

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

72.7037, 78.2829, 84.6770

Protanopia

75.0751, 78.3014, 83.1083

Deuteranopia

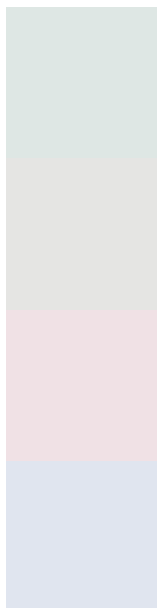
79.8285, 78.2797, 85.7650



Tritanopia

75.4293, 78.1482, 98.2973

Trichromacy



Original Color

72.7037, 78.2829, 84.6770

Protanomaly

74.1975, 78.2427, 83.8648

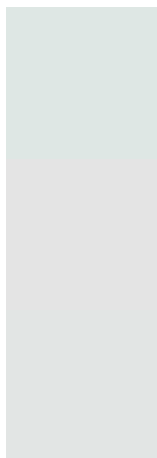
Deuteranomaly

77.0033, 78.0328, 85.1321

Tritanomaly

74.3398, 78.1179, 92.8215

Monochromacy



Original Color

72.7037, 78.2829, 84.6770

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3869, 77.8088, 84.5495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7037, 78.2829, 84.6770 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(222, 231, 228) looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 228)  
}
```

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(222, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 228) }
```

Border

The CSS property to change the border of an element to XYZ 72.7037, 78.2829, 84.6770 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(222, 231, 228) }
```


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

```
.border{ border-color:rgb(222, 231, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(222, 231,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7037, 78.2829, 84.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 228) }
```

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

```
.background{ background-color: rgb(222,  
231, 228) }
```

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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