

Converting Colors

XYZ(69.2691, 73.1489, 81.2740)

Have a look what the booklet for
XYZ(69.2691, 73.1489, 81.2740)
contains.

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Color

**XYZ(69.3574, 73.3728,
81.0279)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDFE0
RGB	220, 223, 224
RGB Percent	86%, 87%, 88%
CMY	0.1372, 0.1255, 0.1216
CMYK	0.02, 0.00, 0.00, 0.12
HSL	195°, 6%, 87%
HSV	195°, 2%, 88%
XYZ	69.3574, 73.3728, 81.0279
YIQ	222.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

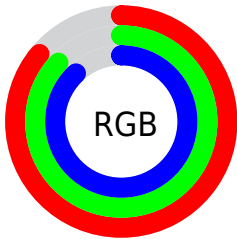
Format	Color
R _Y B	220, 222, 224
Decimal	14475232
CIE Lab	88.63, -0.82, -0.85
CIE LCh	89, 1.185, 225.983
Yxy	73.3728, 0.3100, 0.3279
Android (android.graphics.Color)	4292665312 (0xFFDCDFE0)
YUV	222.2170, 0.8790, -1.9443
Hunter-Lab	85.6579, -5.3695, 3.8753

Details

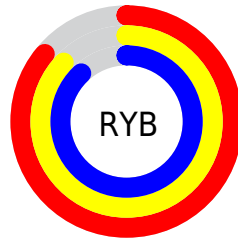
The XYZ color **69.3574, 73.3728, 81.0279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5153, 72.7267, 78.0850**, and the grayscale version is **69.5813, 73.2049, 79.7202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6811, 38.8692, 43.1053** is the 20% darker color. If you saturate the color by 10%, you get **61.5613, 67.1791, 80.2444**, and if you desaturate by 10%, it is **78.1153, 80.1394, 81.8735**.

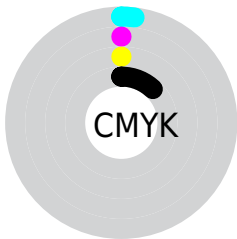
Distribution



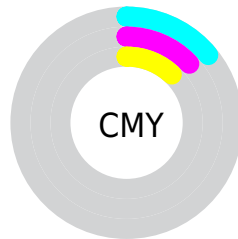
- Red (86%)
- Green (87%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3574, 73.3728, 81.0279 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 69.3574, 73.3728, 81.0279 by changing the saturation by 10% instead.

■ 69.3574, 73.3728,
81.0279

■ 69.3574, 73.3728,
81.0279

447.5922,
472.3059, 518.1880

■ 51.2805, 54.2808,
60.0334

117.3232,
124.0063, 136.6344

■ 36.6539, 38.8262,
43.0201

147.9428,
156.3166, 172.0835

■ 25.1121, 26.6246,
29.5694

183.4741,
193.8019, 213.1878

■ 16.2897, 17.2915,
19.2627

224.2823,
236.8465, 260.3661

■ 9.8216, 10.4425,
11.6815

270.7329,
285.8348, 314.0366

■ 5.3422, 5.6933,
6.4073

323.1911,

■ 2.4862, 2.6595,

341.1512, 374.6181

3.0215

382.0225,
403.1801, 442.5291

■ 0.8883, 0.9567,
1.1056

■ 0.0000, 0.0000,
0.0000

■ 69.3574, 73.3728,
81.0279

■ 69.3574, 73.3728,
81.0279

■ 61.5613, 67.1791,
80.2444

■ 78.1153, 80.1394,
81.8735

■ 54.6842, 61.5293,
79.5164

■ 84.1643, 85.5811,
82.6050

■ 48.6897, 56.4061,
78.8434

■ 85.7794, 88.8112,
83.1434

■ 43.5361, 51.7872,
78.2235

■ 87.4450, 92.1424,
83.6986

■ 39.1785, 47.6487,
77.6544

■ 89.1615, 95.5754,
84.2707

■ 35.5673, 43.9644,
77.1336

■ 90.4548, 98.1619,
84.7018

■ 32.6474, 40.7051,
76.6583

■ 30.3553, 37.8373,
76.2256

■ 28.6151, 35.3211,
75.8316

Harmonies

Analogous

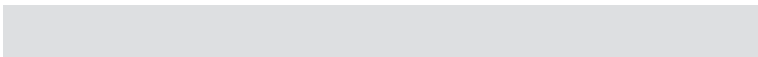
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2116, 73.3728, 80.3247



69.3574, 73.3728, 81.0279



69.6056, 73.3728, 81.4276

Triad

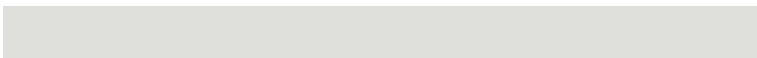
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3574, 73.3728, 81.0279



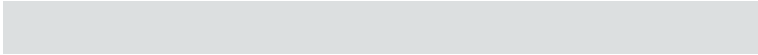
70.2733, 73.3728, 80.2724



69.5874, 73.3728, 78.3867

Complementary

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



69.3574, 73.3728, 81.0279



69.5153, 72.7267, 78.0850

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.



69.8719, 73.3728, 78.3729



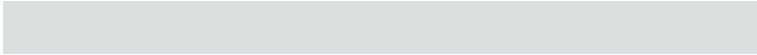
69.3574, 73.3728, 81.0279



70.2684, 73.3728, 79.4578

Square

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



69.3574, 73.3728, 81.0279



70.1347, 73.3728, 80.9894



70.1213, 73.3728, 78.7638



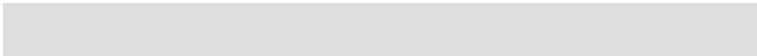
69.3441, 73.3728, 78.8016

Rectangle

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



69.3574, 73.3728, 81.0279



69.7960, 73.3728, 81.4664



70.1213, 73.3728, 78.7638



69.6814, 73.3728, 78.3351

Sweetspot

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



69.3595, 73.3759, 81.0295



93.9158, 99.1150, 108.7890



69.2142, 73.7450, 78.9473



20.1138, 21.2240, 23.2865



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

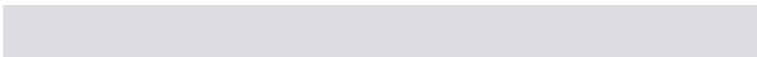
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3595, 73.3759, 81.0295



92.7946, 98.2377, 108.6787



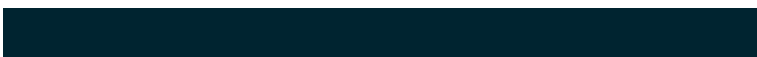
68.8449, 72.3467, 80.8580



15.1154, 15.9958, 17.6785



16.0996, 19.6688, 43.9963



1.1853, 1.5021, 3.0727

Inverse Universe

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



69.6545, 72.3627, 80.1120



93.2407, 96.7075, 107.2912



70.0297, 73.7555, 78.2564



15.1834, 15.7621, 17.4668



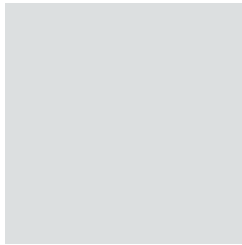
22.0666, 10.8936, 22.8140



1.5646, 0.7691, 1.7658

Previews

White Background



This preview shows how the XYZ color 69.3574, 73.3728, 81.0279 looks on a white background.

Color Contrast Check

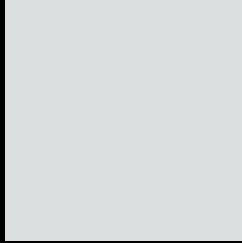
Large Text (above 18pt) WCAG AA × Fail

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 69.3574, 73.3728, 81.0279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

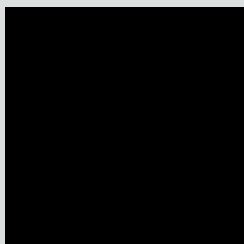
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

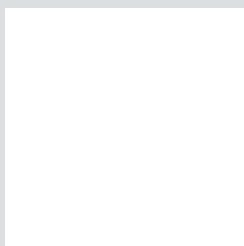
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3574, 73.3728, 81.0279

Background



This preview shows how black text looks on a background with the XYZ color 69.3574, 73.3728, 81.0279.

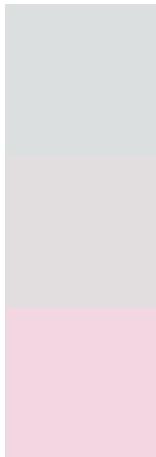


This preview shows how white text looks on a background with the XYZ color 69.3574, 73.3728,

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

69.3574, 73.3728, 81.0279

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

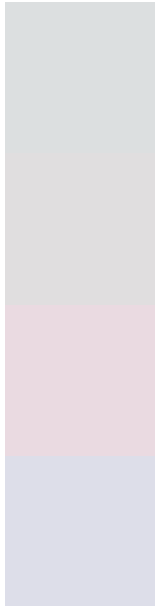
74.6459, 72.9691, 82.1017



Tritanopia

71.4133, 73.4155, 91.2957

Trichromacy



Original Color

69.3574, 73.3728, 81.0279

Protanomaly

70.1810, 73.4176, 80.2841

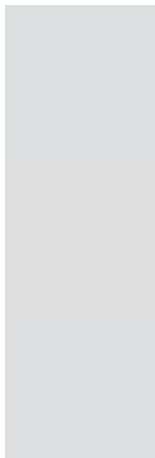
Deuteranomaly

72.5937, 73.0715, 81.5123

Tritanomaly

70.6481, 73.4979, 87.5538

Monochromacy



Original Color

69.3574, 73.3728, 81.0279

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.2594, 72.9424, 80.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3574, 73.3728, 81.0279 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, 223, 224) looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 224)  
}
```

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, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.3574, 73.3728, 81.0279 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, 223, 224) }
```


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

```
.border{ border-color:rgb(220, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 223, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 223, 224); box-shadow:4px 4px 4px 4px rgb(220, 223, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3574, 73.3728, 81.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 224) }
```

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

```
.background{ background-color: rgb(220,  
223, 224) }
```

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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