

Converting Colors

XYZ(70.2808, 74.1426, 81.4146)

Have a look what the booklet for
XYZ(70.2808, 74.1426, 81.4146)
contains.

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Color

**XYZ(70.2344, 74.2227,
81.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE0E0
RGB	222, 224, 224
RGB Percent	87%, 88%, 88%
CMY	0.1294, 0.1215, 0.1216
CMYK	0.01, 0.00, 0.00, 0.12
HSL	180°, 3%, 87%
HSV	180°, 1%, 88%
XYZ	70.2344, 74.2227, 81.1457
YIQ	223.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

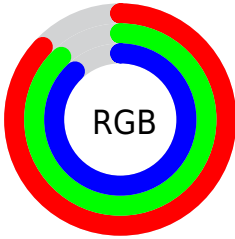
Format	Color
R _Y B	222, 223, 224
Decimal	14606560
CIE Lab	89.03, -0.67, -0.25
CIE LCh	89, 0.712, 200.203
Yxy	74.2227, 0.3113, 0.3290
Android (android.graphics.Color)	4292796640 (0xFFDEE0E0)
YUV	223.4020, 0.2948, -1.2296
Hunter-Lab	86.1526, -5.2480, 4.4626

Details

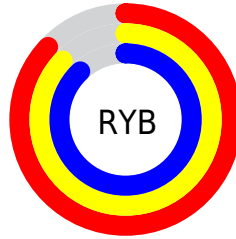
The XYZ color **70.2344, 74.2227, 81.1457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0493, 73.3657, 79.5799**, and the grayscale version is **70.4255, 74.0931, 80.6873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2857, 39.4560, 43.1867** is the 20% darker color. If you saturate the color by 10%, you get **63.8193, 70.9183, 80.8181**, and if you desaturate by 10%, it is **77.5653, 78.0034, 81.5192**.

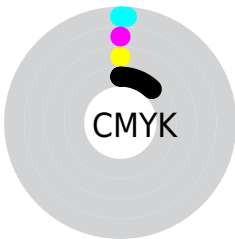
Distribution



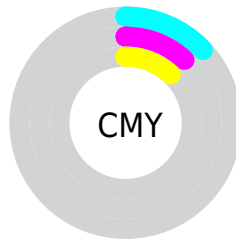
- Red (87%)
- Green (88%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2344, 74.2227, 81.1457 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 70.2344, 74.2227, 81.1457 by changing the saturation by 10% instead.

■ 70.2344, 74.2227,
81.1457

■ 70.2344, 74.2227,
81.1457

450.6262,
475.2416, 518.5938

■ 51.9979, 54.9763,
60.1299

118.5674,
125.2115, 136.8012

■ 37.2277, 39.3828,
43.0974

149.3947,
157.7226, 172.2781

■ 25.5583, 27.0576,
29.6295

185.1496,
195.4242, 213.4123

■ 16.6244, 17.6165,
19.3079

226.1975,
238.7005, 260.6225

■ 10.0607, 10.6750,
11.7139

272.9037,
287.9360, 314.3272

■ 5.5018, 5.8488,
6.4290

325.6337,

■ 2.5824, 2.7533,

343.5151, 374.9450

3.0347

384.7527,
405.8222, 442.8943

■ 0.9370, 1.0044,
1.1124

■ 0.0000, 0.0000,
0.0000

■ 70.2344, 74.2227,
81.1457

■ 70.2344, 74.2227,
81.1457

■ 63.8193, 70.9183,
80.8181

■ 77.5653, 78.0034,
81.5192

■ 58.2779, 68.0623,
80.5298

■ 81.3629, 79.9605,
81.7259

■ 53.5744, 65.6382,
80.2808

■ 81.3685, 79.9627,
81.7551

■ 49.6680, 63.6250,
80.0691

■ 81.3740, 79.9649,
81.7843

■ 46.5144, 61.9999,
79.8926

■ 81.3796, 79.9671,
81.8135

■ 44.0652, 60.7379,
79.7491

■ 81.3851, 79.9694,
81.8428

■ 42.2662, 59.8111,
79.6360

■ 81.3907, 79.9716,
81.8720

■ 41.0553, 59.1875,
79.5505

■ 81.3962, 79.9738,
81.9012

■ 40.3586, 58.8290,
79.4890

■ 81.4018, 79.9760,
81.9305

Harmonies

Analogous

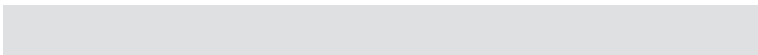
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2188, 74.2227, 80.6537



70.2344, 74.2227, 81.1457



70.3335, 74.2227, 81.5508

Triad

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



70.2344, 74.2227, 81.1457



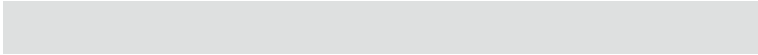
70.8026, 74.2227, 81.4279



70.6031, 74.2227, 79.8798

Complementary

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



70.2344, 74.2227, 81.1457



70.0493, 73.3657, 79.5799

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.



70.7598, 74.2227, 80.0854



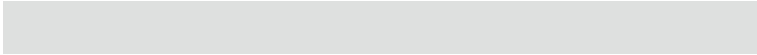
70.2344, 74.2227, 81.1457



70.8751, 74.2227, 80.9783

Square

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



70.2344, 74.2227, 81.1457



70.6615, 74.2227, 81.7142



70.8594, 74.2227, 80.4870



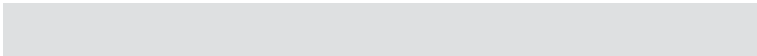
70.4315, 74.2227, 79.9242

Rectangle

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



70.2344, 74.2227, 81.1457



70.4337, 74.2227, 81.7165



70.8594, 74.2227, 80.4870



70.6593, 74.2227, 79.9219

Sweetspot

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



70.2365, 74.2259, 81.1473

95.0500, 100.0000, 108.9000



69.9770, 74.1233, 79.7274



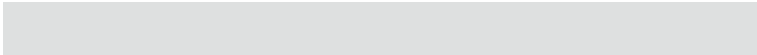
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

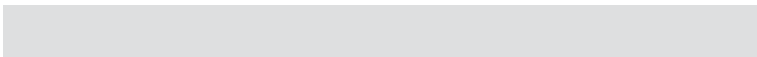
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2365, 74.2259, 81.1473



94.1173, 99.5193, 108.8524



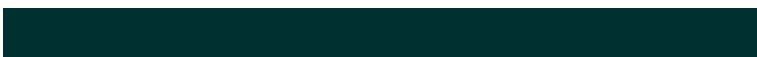
69.9774, 73.7070, 81.0634



15.3173, 16.1914, 17.7050



23.3153, 34.1510, 46.2451



1.6164, 2.3673, 3.2073

Inverse Universe

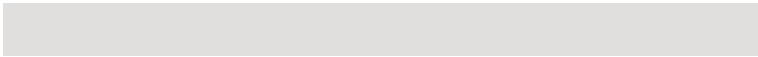
The Inverse Universe completely reimagines the original color for something new.



70.0493, 73.3657, 79.5799



93.8347, 98.2209, 106.4866



70.3068, 73.8815, 79.6633



15.2742, 15.9932, 17.3440



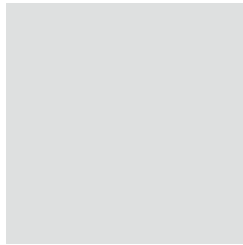
17.8949, 9.2250, 0.8466



1.2407, 0.6396, 0.0606

Previews

White Background



This preview shows how the XYZ color 70.2344, 74.2227, 81.1457 looks on a white background.

Color Contrast Check

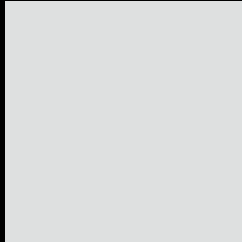
Large Text (above 18pt) WCAG AA × Fail

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 70.2344, 74.2227, 81.1457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

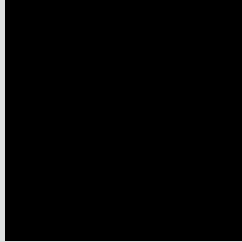
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

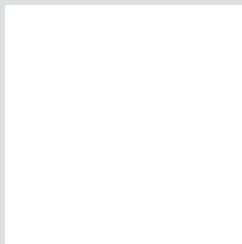
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2344, 74.2227, 81.1457

Background



This preview shows how black text looks on a background with the XYZ color 70.2344, 74.2227, 81.1457.

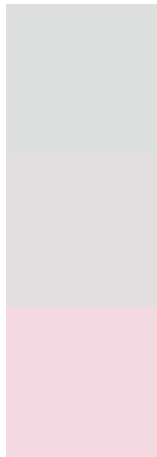


This preview shows how white text looks on a background with the XYZ color 70.2344, 74.2227,

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

70.2344, 74.2227, 81.1457

Protanopia

71.1191, 73.9012, 80.3280

Deuteranopia

75.5916, 73.8358, 82.2191



Tritanopia

72.4417, 74.3218, 92.1888

Trichromacy



Original Color

70.2344, 74.2227, 81.1457

Protanomaly

70.7583, 74.1106, 80.3875

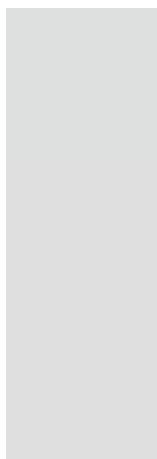
Deuteranomaly

73.5142, 73.9321, 81.6299

Tritanomaly

71.6704, 74.4038, 88.4258

Monochromacy



Original Color

70.2344, 74.2227, 81.1457

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1384, 73.7910, 80.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2344, 74.2227, 81.1457 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, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 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(222, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.2344, 74.2227, 81.1457 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, 224, 224) }
```

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

```
.border{ border-color:rgb(222, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 70.2344, 74.2227, 81.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 224) }
```

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

```
.background{ background-color: rgb(222,  
224, 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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