

Converting Colors

XYZ(71.2701, 76.4486, 78.0175)

Have a look what the booklet for
XYZ(71.2701, 76.4486, 78.0175)
contains.

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Color

**XYZ(71.2701, 76.4486,
78.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E4DB
RGB	224, 228, 219
RGB Percent	88%, 89%, 86%
CMY	0.1216, 0.1059, 0.1412
CMYK	0.02, 0.00, 0.04, 0.11
HSL	87°, 14%, 88%
HSV	87°, 4%, 89%
XYZ	71.2701, 76.4486, 78.0175
YIQ	225.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

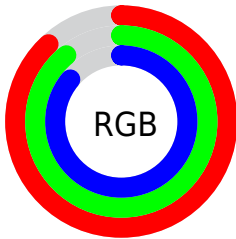
Format	Color
RYB	219, 228, 223
Decimal	14738651
CIELab	90.07, -2.94, 3.91
CIELCh	90, 4.889, 126.945
Yxy	76.4486, 0.3157, 0.3387
Android (android.graphics.Color)	4292928731 (0xFFE0E4DB)
YUV	225.7780, -3.3416, -1.5593
Hunter-Lab	87.4349, -7.5118, 8.3004

Details

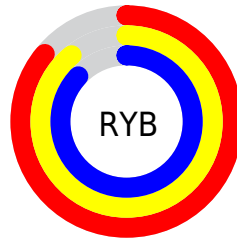
The XYZ color **71.2701, 76.4486, 78.0175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7694, 71.9544, 83.6141**, and the grayscale version is **72.1534, 75.9110, 82.6670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0066, 41.0025, 41.0331** is the 20% darker color. If you saturate the color by 10%, you get **65.4230, 73.7599, 63.1335**, and if you desaturate by 10%, it is **77.7201, 79.4050, 95.0791**.

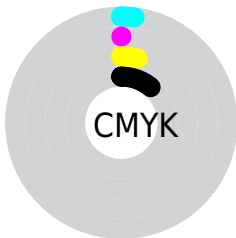
Distribution



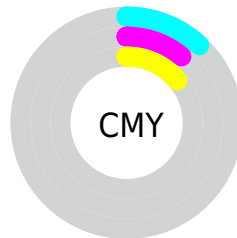
- Red (88%)
- Green (89%)
- Blue (86%)



- Red (86%)
- Yellow (89%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2701, 76.4486, 78.0175 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 71.2701, 76.4486, 78.0175 by changing the saturation by 10% instead.

■ 71.2701, 76.4486,
78.0175

■ 71.2701, 76.4486,
78.0175

454.1942,
482.8820, 507.7558

■ 52.8460, 56.8004,
57.5718

120.0347,
128.3608, 132.3609

■ 37.9068, 40.8450,
41.0521

151.1058,
161.3937, 167.0957

■ 26.0873, 28.1980,
28.0398

187.1233,
199.6569, 207.4306

■ 17.0220, 18.4750,
18.1163

228.4526,
243.5348, 253.7841

■ 10.3455, 11.2915,
10.8632

275.4590,
293.4119, 306.5749

■ 5.6927, 6.2633,
5.8619

328.5078,

■ 2.6980, 3.0058,

349.6725, 366.2214

2.6939

387.9644,
412.7011, 433.1422

■ 0.9961, 1.1348,
0.9403

■ 0.0000, 0.0074,
0.0000

■ 71.2701, 76.4486,
78.0175

■ 71.2701, 76.4486,
78.0175

■ 65.4230, 73.7599,
63.1335

■ 77.7201, 79.4050,
95.0791

■ 60.1526, 71.3208,
50.3346

■ 83.2003, 81.9930,
106.0488

■ 55.4399, 69.1256,
39.5287

■ 86.8214, 83.8598,
106.2183

■ 51.2625, 67.1650,
30.6152

■ 87.0349, 83.9698,
106.2283

■ 47.5960, 65.4288,
23.4848

■ 44.4139, 63.9062,
18.0165

■ 41.6868, 62.5847,
14.0749

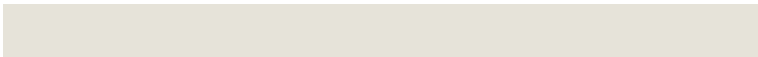
■ 39.3809, 61.4505,
11.5028

■ 37.4561, 60.4871,
10.1093

Harmonies

Analogous

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



72.3806, 76.4486, 76.7872



71.2701, 76.4486, 78.0175



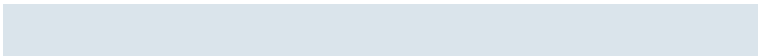
70.5384, 76.4486, 80.6525

Triad

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



71.2701, 76.4486, 78.0175



71.7531, 76.4486, 89.5342



75.0006, 76.4486, 82.4350

Complementary

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



71.2701, 76.4486, 78.0175



69.7694, 71.9544, 83.6141

Split Complementary

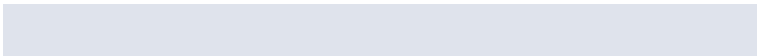
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8280, 76.4486, 85.8813



71.2701, 76.4486, 78.0175



72.9443, 76.4486, 90.0435

Square

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



71.2701, 76.4486, 78.0175



70.8151, 76.4486, 87.3167



74.0721, 76.4486, 88.6895



74.5410, 76.4486, 79.2913

Rectangle

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



71.2701, 76.4486, 78.0175



70.3593, 76.4486, 82.8842



74.0721, 76.4486, 88.6895



75.0146, 76.4486, 83.5958

Sweetspot

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



71.2722, 76.4519, 78.0192



94.2261, 99.6224, 106.7326



71.1449, 74.3331, 77.6169



20.1770, 21.3273, 22.8680



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.



71.2722, 76.4519, 78.0192



91.0093, 98.1463, 98.3488



69.9261, 75.7579, 77.9562



15.4444, 16.7087, 16.5608



21.1791, 34.6997, 5.5815



1.6715, 2.6191, 0.4174

Inverse Universe

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



69.7694, 71.9544, 83.6141



88.5596, 90.8150, 107.4692



71.1428, 72.6625, 83.6784



14.9748, 15.3035, 18.3089



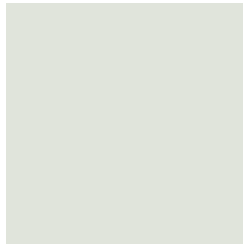
11.3421, 4.9129, 42.7337



0.9436, 0.4174, 3.1628

Previews

White Background



This preview shows how the XYZ color 71.2701, 76.4486, 78.0175 looks on a white background.

Color Contrast Check

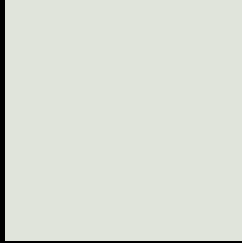
Large Text (above 18pt) WCAG AA × Fail

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 71.2701, 76.4486, 78.0175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

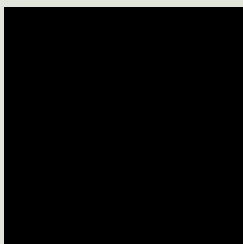
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

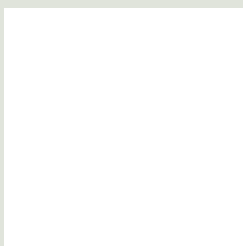
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2701, 76.4486, 78.0175

Background



This preview shows how black text looks on a background with the XYZ color 71.2701, 76.4486, 78.0175.

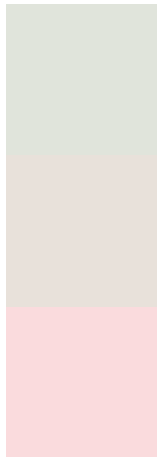


This preview shows how white text looks on a background with the XYZ color 71.2701, 76.4486,

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

71.2701, 76.4486, 78.0175

Protanopia

72.8588, 76.0682, 77.1722

Deuteranopia

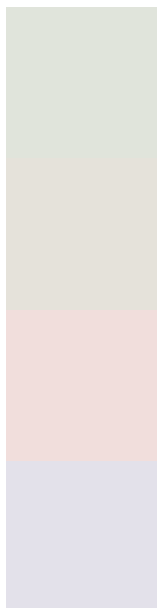
77.8070, 76.2075, 79.0153



Tritanopia

74.6776, 76.2161, 94.7796

Trichromacy



Original Color

71.2701, 76.4486, 78.0175

Protanomaly

72.1643, 76.1127, 77.2174

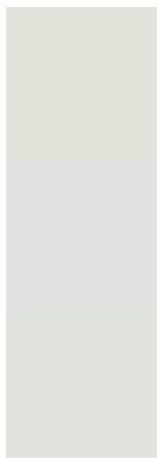
Deuteranomaly

75.3152, 76.1106, 78.4314

Tritanomaly

73.4550, 76.1218, 88.6634

Monochromacy



Original Color

71.2701, 76.4486, 78.0175

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.8397, 76.2734, 80.7479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2701, 76.4486, 78.0175 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(224, 228, 219) looks like.

```
.text, #text, p{  
    color:rgb(224, 228, 219)  
}
```

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(224, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 228, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.2701, 76.4486, 78.0175 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(224, 228, 219) }
```


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

```
.border{ border-color:rgb(224, 228, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 228, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(224, 228,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2701, 76.4486, 78.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 228, 219) }
```

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

```
.background{ background-color: rgb(224,  
228, 219) }
```

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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