

Converting Colors

XYZ(72.9616, 77.9285, 81.1102)

Have a look what the booklet for
XYZ(72.9616, 77.9285, 81.1102)
contains.

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Color

**XYZ(72.9801, 78.0901,
81.0385)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6DF
RGB	226, 230, 223
RGB Percent	89%, 90%, 87%
CMY	0.1137, 0.0980, 0.1255
CMYK	0.02, 0.00, 0.03, 0.10
HSL	94°, 12%, 89%
HSV	94°, 3%, 90%
XYZ	72.9801, 78.0901, 81.0385
YIQ	228.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

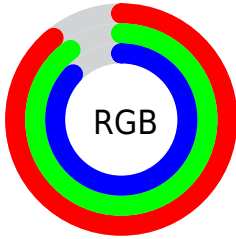
Format	Color
RYB	223, 230, 227
Decimal	14870239
CIELab	90.82, -2.58, 2.93
CIELCh	91, 3.903, 131.439
Yxy	78.0901, 0.3144, 0.3364
Android (android.graphics.Color)	4293060319 (0xFFE2E6DF)
YUV	228.0060, -2.4680, -1.7593
Hunter-Lab	88.3686, -7.2290, 7.4861

Details

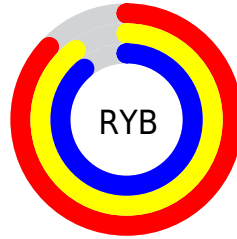
The XYZ color **72.9801, 78.0901, 81.0385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3523, 74.8216, 85.4956**, and the grayscale version is **73.7666, 77.6082, 84.5154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1924, 42.1450, 43.1149** is the 20% darker color. If you saturate the color by 10%, you get **66.1213, 74.8908, 65.6147**, and if you desaturate by 10%, it is **80.5809, 81.6277, 98.6992**.

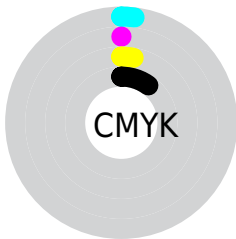
Distribution



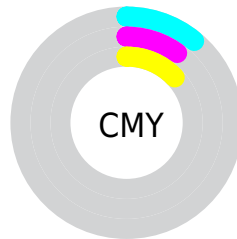
- Red (89%)
- Green (90%)
- Blue (87%)



- Red (87%)
- Yellow (90%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9801, 78.0901, 81.0385 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 72.9801, 78.0901, 81.0385 by changing the saturation by 10% instead.

■ 72.9801, 78.0901,
81.0385

■ 72.9801, 78.0901,
81.0385

460.0507,
488.4728, 518.2246

■ 54.2480, 58.1480,
60.0421

122.4522,
130.6771, 136.6494

■ 39.0314, 41.9276,
43.0271

153.9230,
164.0908, 172.1010

■ 26.9650, 29.0446,
29.5748

190.3707,
202.7639, 213.2080

■ 17.6834, 19.1146,
19.2668

232.1607,
247.0806, 260.3891

■ 10.8212, 11.7531,
11.6844

279.6583,
297.4255, 314.0628

■ 6.0132, 6.5758,
6.4093

333.2290,

■ 2.8938, 3.1983,

354.1829, 374.6476

3.0227

393.2380,
417.7372, 442.5620

■ 1.0979, 1.2361,
1.1062

■ 0.0233, 0.0909,
0.0000

■ 72.9801, 78.0901,
81.0385

■ 72.9801, 78.0901,
81.0385

■ 66.1213, 74.8908,
65.6147

■ 80.5809, 81.6277,
98.6992

■ 59.9739, 72.0093,
52.3335

■ 86.6024, 84.5684,
106.3666

■ 54.5150, 69.4381,
41.1015

■ 87.5884, 85.0767,
106.4128

■ 49.7175, 67.1655,
31.8164

■ 45.5526, 65.1789,
24.3670

■ 41.9888, 63.4650,
18.6309

■ 38.9916, 62.0088,
14.4709

■ 36.5219, 60.7938,
11.7287

■ 34.5339, 59.8004,
10.2126

Harmonies

Analogous

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



73.8486, 78.0901, 79.8379



72.9801, 78.0901, 81.0385



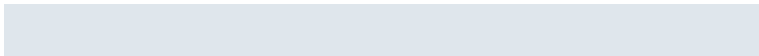
72.4473, 78.0901, 83.3178

Triad

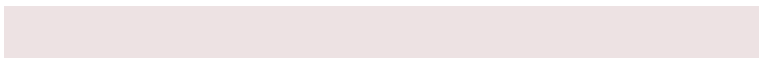
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9801, 78.0901, 81.0385



73.6231, 78.0901, 90.2550



76.0877, 78.0901, 83.9592

Complementary

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



72.9801, 78.0901, 81.0385



72.3523, 74.8216, 85.4956

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.



76.0260, 78.0901, 86.7591



72.9801, 78.0901, 81.0385



74.5973, 78.0901, 90.4359

Square

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



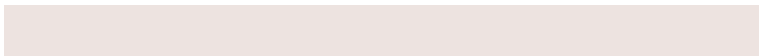
72.9801, 78.0901, 81.0385



72.8163, 78.0901, 88.6548



75.4785, 78.0901, 89.1439



75.6463, 78.0901, 81.4992

Rectangle

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



72.9801, 78.0901, 81.0385



72.3513, 78.0901, 85.1627



75.4785, 78.0901, 89.1439



76.1252, 78.0901, 84.8911

Sweetspot

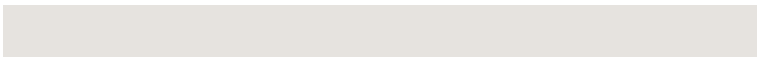
The Sweet Spot groups the original color and five complimentary colors.



72.9823, 78.0935, 81.0402



94.1078, 99.5614, 106.7270



73.4154, 77.0738, 80.8205



20.1529, 21.3149, 22.8669



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.



72.9823, 78.0935, 81.0402



91.3379, 98.2711, 100.3804



72.1129, 77.6380, 81.3286



15.4781, 16.7190, 16.8828



19.0362, 33.5950, 5.4812



1.5112, 2.5364, 0.4099

Inverse Universe

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



72.3523, 74.8216, 85.4956



90.2930, 92.8447, 107.7696



73.2412, 75.2874, 85.1953



15.2695, 15.6360, 18.3576



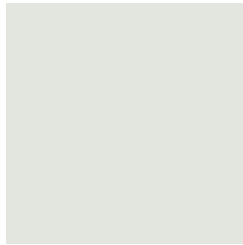
13.5716, 6.0623, 42.8380



1.1087, 0.5025, 3.1705

Previews

White Background



This preview shows how the XYZ color 72.9801, 78.0901, 81.0385 looks on a white background.

Color Contrast Check

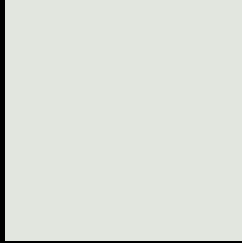
Large Text (above 18pt) WCAG AA × Fail

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 72.9801, 78.0901, 81.0385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

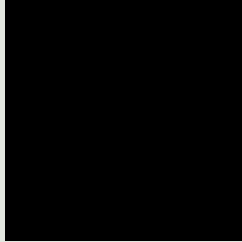
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

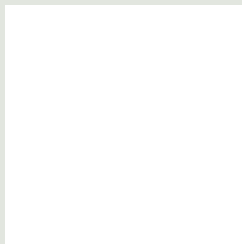
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9801, 78.0901, 81.0385

Background



This preview shows how black text looks on a background with the XYZ color 72.9801, 78.0901, 81.0385.

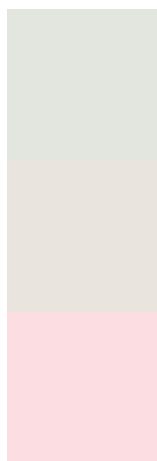


This preview shows how white text looks on a background with the XYZ color 72.9801, 78.0901,

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

72.9801, 78.0901, 81.0385

Protanopia

74.8599, 78.2532, 80.2661

Deuteranopia

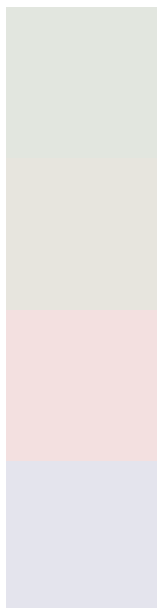
79.5919, 77.8446, 82.0647



Tritanopia

76.2636, 78.1888, 97.4586

Trichromacy



Original Color

72.9801, 78.0901, 81.0385

Protanomaly

74.1591, 78.3015, 80.3123

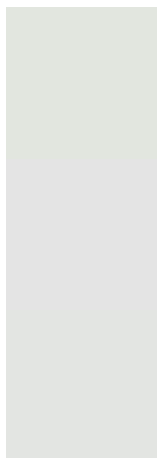
Deuteranomaly

77.0723, 77.7478, 81.4657

Tritanomaly

75.0244, 78.0952, 91.2404

Monochromacy



Original Color

72.9801, 78.0901, 81.0385

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4253, 77.8605, 83.1102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9801, 78.0901, 81.0385 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(226, 230, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 223)  
}
```

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(226, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.9801, 78.0901, 81.0385 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(226, 230, 223) }
```


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

```
.border{ border-color:rgb(226, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9801, 78.0901, 81.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 223) }
```

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

```
.background{ background-color: rgb(226,  
230, 223) }
```

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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