

Converting Colors

XYZ(72.5188, 78.7078, 81.0185)

Have a look what the booklet for
XYZ(72.5188, 78.7078, 81.0185)
contains.

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Color

**XYZ(72.6073, 78.7289,
81.1814)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8DF
RGB	223, 232, 223
RGB Percent	87%, 91%, 87%
CMY	0.1255, 0.0902, 0.1255
CMYK	0.04, 0.00, 0.04, 0.09
HSL	120°, 16%, 89%
HSV	120°, 4%, 91%
XYZ	72.6073, 78.7289, 81.1814
YIQ	228.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

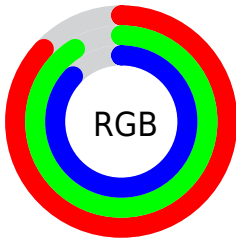
Format	Color
R _Y B	223, 232, 232
Decimal	14674143
CIE Lab	91.11, -4.62, 3.32
CIE LCh	91, 5.686, 144.273
Yxy	78.7289, 0.3123, 0.3386
Android (android.graphics.Color)	4292864223 (0xFFDFE8DF)
YUV	228.2830, -2.6045, -4.6332
Hunter-Lab	88.7293, -9.2095, 7.8641

Details

The XYZ color **72.6073, 78.7289, 81.1814** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.2348, 75.7593, 87.0582**, and the grayscale version is **73.9716, 77.8239, 84.7502**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7417, 42.2027, 43.1498** is the 20% darker color. If you saturate the color by 10%, you get **63.0266, 74.1291, 65.5086**, and if you desaturate by 10%, it is **83.6006, 84.0119, 99.1608**.

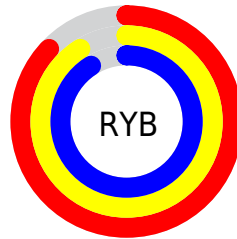
Distribution



Red (87%)

Green (91%)

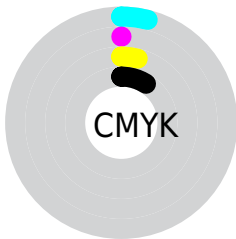
Blue (87%)



Red (87%)

Yellow (91%)

Blue (91%)

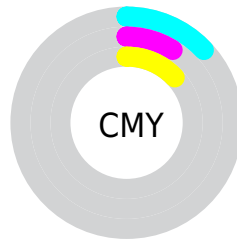


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6073, 78.7289, 81.1814 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 72.6073, 78.7289, 81.1814 by changing the saturation by 10% instead.

■ 72.6073, 78.7289,
81.1814

■ 72.6073, 78.7289,
81.1814

458.7775,
490.6387, 518.7168

■ 53.9422, 58.6729,
60.1591

121.9257,
131.5771, 136.8518

■ 38.7859, 42.3499,
43.1208

153.3097,
165.1382, 172.3370

■ 26.7732, 29.3754,
29.6478

189.6639,
203.9698, 213.4803

■ 17.5387, 19.3650,
19.3216

231.3539,
248.4562, 260.7002

■ 10.7170, 11.9343,
11.7237

278.7449,
298.9819, 314.4153

■ 5.9427, 6.6989,
6.4356

332.2022,

■ 2.8506, 3.2745,

355.9313, 375.0440

3.0387

392.0913,
419.6888, 443.0050

■ 1.0753, 1.2767,
1.1144

■ 0.0043, 0.1230,
0.0000

■ 72.6073, 78.7289,
81.1814

■ 72.6073, 78.7289,
81.1814

■ 63.0266, 74.1291,
65.5086

■ 83.6006, 84.0119,
99.1608

■ 54.7948, 70.1750,
52.0443

■ 88.1481, 86.1963,
106.5994

■ 47.8536, 66.8408,
40.6907

■ 42.1375, 64.0950,
31.3409

■ 37.5753, 61.9036,
23.8786

■ 34.0887, 60.2288,
18.1755

■ 31.5895, 59.0283,
14.0875

■ 29.9757, 58.2531,
11.4476

■ 29.1229, 57.8435,
10.0527

Harmonies

Analogous

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



73.6986, 78.7289, 78.7049



72.6073, 78.7289, 81.1814



72.1120, 78.7289, 84.9347

Triad

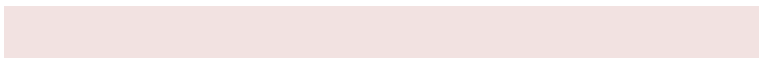
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6073, 78.7289, 81.1814



74.5539, 78.7289, 93.8450



77.3783, 78.7289, 82.5083

Complementary

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



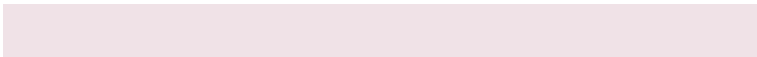
72.6073, 78.7289, 81.1814



74.2348, 75.7593, 87.0582

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.



77.6143, 78.7289, 86.5149



72.6073, 78.7289, 81.1814



75.9718, 78.7289, 93.1451

Square

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



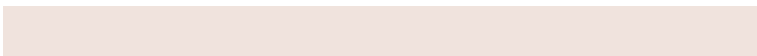
72.6073, 78.7289, 81.1814



73.2266, 78.7289, 92.3126



77.0965, 78.7289, 90.4296



76.4555, 78.7289, 79.4536

Rectangle

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



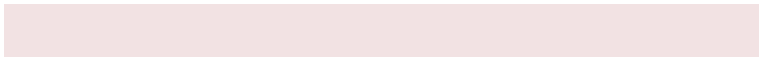
72.6073, 78.7289, 81.1814



72.1818, 78.7289, 87.6895



77.0965, 78.7289, 90.4296



77.5410, 78.7289, 83.7849

Sweetspot

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



72.6095, 78.7323, 81.1831



93.7102, 99.3564, 106.7085



75.4581, 80.2008, 81.3163



20.0720, 21.2731, 22.8631



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.



72.6095, 78.7323, 81.1831



88.5285, 96.8674, 98.2330



73.2247, 78.9784, 84.4229



14.9698, 16.4641, 16.5387



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



74.2348, 75.7593, 87.0582



91.1165, 92.1332, 107.5886



73.6033, 75.5067, 83.7328



15.4659, 15.5566, 18.3319



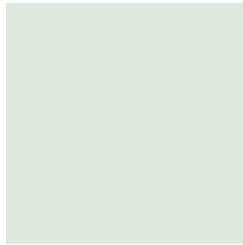
26.5608, 12.7585, 43.4436



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 72.6073, 78.7289, 81.1814 looks on a white background.

Color Contrast Check

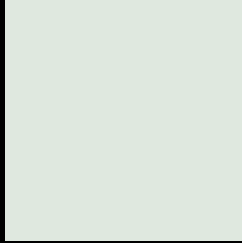
Large Text (above 18pt) WCAG AA × Fail

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 72.6073, 78.7289, 81.1814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

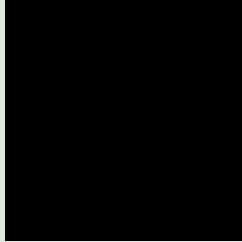
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

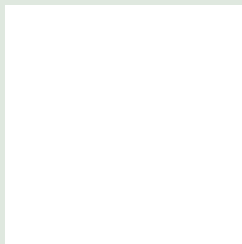
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6073, 78.7289, 81.1814

Background



This preview shows how black text looks on a background with the XYZ color 72.6073, 78.7289, 81.1814.



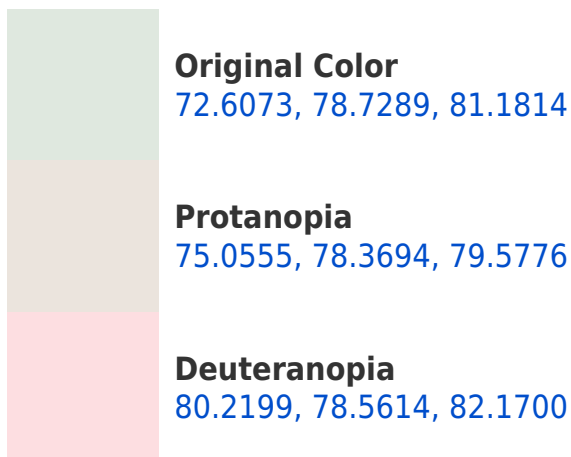
This preview shows how white text looks on a background with the XYZ color 72.6073, 78.7289,

81.1814.

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

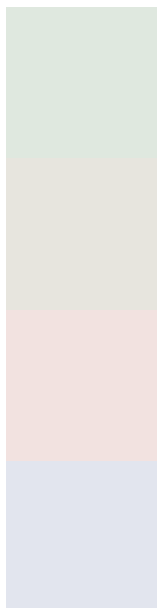




Tritanopia

76.2105, 78.5331, 99.1374

Trichromacy



Original Color

72.6073, 78.7289, 81.1814

Protanomaly

74.1591, 78.3015, 80.3123

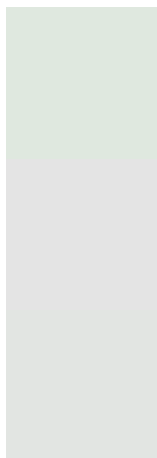
Deuteranomaly

77.2689, 78.6518, 81.6298

Tritanomaly

74.8160, 78.3804, 92.0746

Monochromacy



Original Color

72.6073, 78.7289, 81.1814

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.1108, 77.6984, 83.0954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6073, 78.7289, 81.1814 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(223, 232, 223) looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 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(223, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.6073, 78.7289, 81.1814 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(223, 232, 223) }
```


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

```
.border{ border-color:rgb(223, 232, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 232, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6073, 78.7289, 81.1814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 223) }
```

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

```
.background{ background-color: rgb(223,  
232, 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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