

Converting Colors

XYZ(74.7906, 81.0549, 78.7238)

Have a look what the booklet for
XYZ(74.7906, 81.0549, 78.7238)
contains.

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Color

**XYZ(74.8076, 81.1891,
78.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EBDB
RGB	229, 235, 219
RGB Percent	90%, 92%, 86%
CMY	0.1020, 0.0784, 0.1412
CMYK	0.03, 0.00, 0.07, 0.08
HSL	83°, 29%, 89%
HSV	83°, 7%, 92%
XYZ	74.8076, 81.1891, 78.7461
YIQ	231.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

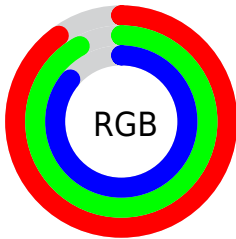
Format	Color
R _Y B	219, 235, 225
Decimal	15068123
CIE Lab	92.22, -4.80, 7.06
CIE LCh	92, 8.537, 124.253
Yxy	81.1891, 0.3187, 0.3459
Android (android.graphics.Color)	4293258203 (0xFFE5EBDB)
YUV	231.3820, -6.1043, -2.0890
Hunter-Lab	90.1050, -9.4882, 11.2578

Details

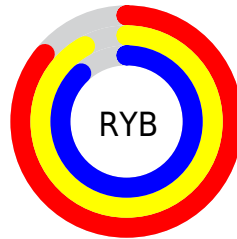
The XYZ color **74.8076, 81.1891, 78.7461** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.3813, 72.6709, 88.8661**, and the grayscale version is **76.2853, 80.2581, 87.4011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2765, 43.9192, 41.4764** is the 20% darker color. If you saturate the color by 10%, you get **69.1881, 78.6271, 63.4573**, and if you desaturate by 10%, it is **81.0113, 84.0065, 96.3456**.

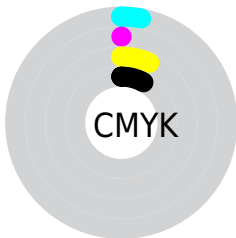
Distribution



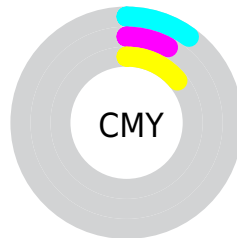
- Red (90%)
- Green (92%)
- Blue (86%)



- Red (86%)
- Yellow (92%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8076, 81.1891, 78.7461 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 74.8076, 81.1891, 78.7461 by changing the saturation by 10% instead.

■ 74.8076, 81.1891,
78.7461

■ 74.8076, 81.1891,
78.7461

466.2634,
498.9312, 510.2919

■ 55.7489, 60.6974,
58.1670

125.0293,
135.0363, 133.3968

■ 40.2378, 43.9810,
41.5273

156.9231,
169.1605, 168.3054

■ 27.9091, 30.6555,
28.4086

193.8259,
208.5976, 208.8277

■ 18.3972, 20.3367,
18.3921

236.1031,
253.7321, 255.3821

■ 11.3370, 12.6400,
11.0595

284.1202,
304.9483, 308.3872

■ 6.3629, 7.1811,
5.9922

338.2423,

■ 3.1097, 3.5756,

362.6306, 368.2615

2.7716

398.8349,
427.1634, 435.4235

■ 1.2121, 1.4391,
0.9792

■ 0.1159, 0.2453,
0.0000

■ 74.8076, 81.1891,
78.7461

■ 74.8076, 81.1891,
78.7461

■ 69.1881, 78.6271,
63.4573

■ 81.0113, 84.0065,
96.3456

■ 64.1259, 76.3017,
50.3779

■ 85.9890, 86.3476,
106.7424

■ 59.6014, 74.2074,
39.4071

■ 88.9999, 87.8998,
106.8833

■ 55.5916, 72.3347,
30.4339

■ 52.0711, 70.6733,
23.3374

■ 49.0123, 69.2117,
17.9834

■ 46.3840, 67.9373,
14.2202

■ 44.1499, 66.8353,
11.8697

■ 42.2645, 65.8872,
10.7052

Harmonies

Analogous

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



76.8540, 81.1891, 76.8442



74.8076, 81.1891, 78.7461



73.4142, 81.1891, 83.2341

Triad

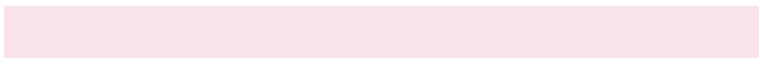
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8076, 81.1891, 78.7461



75.3419, 81.1891, 99.7871



81.4706, 81.1891, 87.5044

Complementary

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



74.8076, 81.1891, 78.7461



71.3813, 72.6709, 88.8661

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.



81.0473, 81.1891, 93.7777



74.8076, 81.1891, 78.7461



77.4824, 81.1891, 101.0623

Square

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



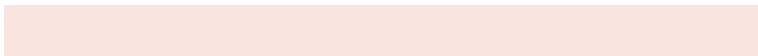
74.8076, 81.1891, 78.7461



73.7185, 81.1891, 95.4081



79.5771, 81.1891, 98.8148



80.7231, 81.1891, 81.7459

Rectangle

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



74.8076, 81.1891, 78.7461



73.0285, 81.1891, 87.1916



79.5771, 81.1891, 98.8148



81.4606, 81.1891, 89.6218

Sweetspot

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



74.8098, 81.1926, 78.7479



93.5392, 99.3148, 104.5999



73.9392, 76.5577, 77.8991



20.0371, 21.2647, 22.4337



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

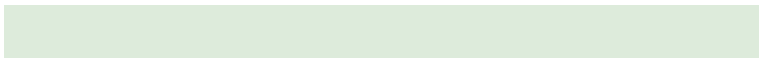
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8098, 81.1926, 78.7479



89.1777, 97.3323, 92.3814



72.3564, 79.9278, 78.6330



15.7726, 17.3283, 16.0321



23.3602, 36.5871, 5.8308



1.9403, 2.9276, 0.4628

Inverse Universe

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



71.3813, 72.6709, 88.8661



84.3490, 85.3300, 106.6324



73.8905, 73.9645, 88.9835



14.7652, 14.8242, 19.0054



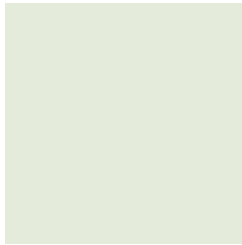
10.7243, 4.5645, 44.0588



0.9457, 0.4118, 3.4645

Previews

White Background



This preview shows how the XYZ color 74.8076, 81.1891, 78.7461 looks on a white background.

Color Contrast Check

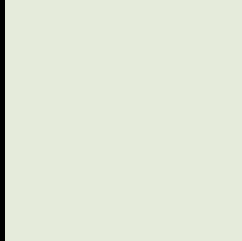
Large Text (above 18pt) WCAG AA × Fail

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 74.8076, 81.1891, 78.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

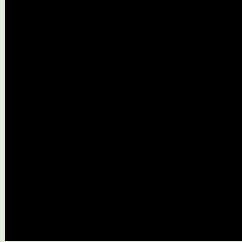
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

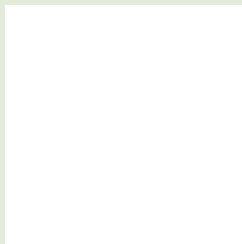
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8076, 81.1891, 78.7461

Background



This preview shows how black text looks on a background with the XYZ color 74.8076, 81.1891, 78.7461.

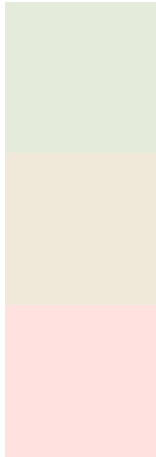


This preview shows how white text looks on a background with the XYZ color 74.8076, 81.1891,

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

74.8076, 81.1891, 78.7461

Protanopia

77.3162, 81.2482, 77.2531

Deuteranopia

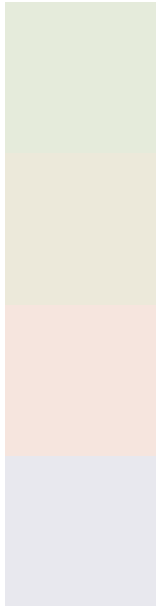
81.7556, 80.9804, 81.1338



Tritanopia

79.6065, 81.4838, 101.1548

Trichromacy



Original Color

74.8076, 81.1891, 78.7461

Protanomaly

76.3859, 81.1726, 77.9716

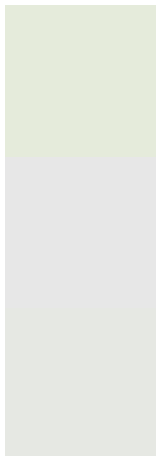
Deuteranomaly

79.2102, 80.9054, 80.5487

Tritanomaly

77.5679, 81.0421, 92.4433

Monochromacy



Original Color

74.8076, 81.1891, 78.7461

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3549, 80.0823, 84.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8076, 81.1891, 78.7461 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(229, 235, 219) looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 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(229, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.8076, 81.1891, 78.7461 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(229, 235, 219) }
```


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

```
.border{ border-color:rgb(229, 235, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8076, 81.1891, 78.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 235, 219) }
```

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

```
.background{ background-color: rgb(229,  
235, 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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