

Converting Colors

XYZ(74.8527, 81.0193, 79.7677)

Have a look what the booklet for
XYZ(74.8527, 81.0193, 79.7677)
contains.

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Color

**XYZ(75.0726, 81.2951,
80.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EBDD
RGB	229, 235, 221
RGB Percent	90%, 92%, 87%
CMY	0.1020, 0.0784, 0.1333
CMYK	0.03, 0.00, 0.06, 0.08
HSL	86°, 26%, 89%
HSV	86°, 6%, 92%
XYZ	75.0726, 81.2951, 80.1414
YIQ	231.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

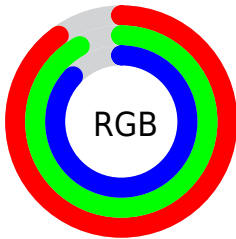
Format	Color
RYB	221, 235, 227
Decimal	15068125
CIELab	92.26, -4.46, 6.08
CIELCh	92, 7.545, 126.268
Yxy	81.2951, 0.3174, 0.3437
Android (android.graphics.Color)	4293258205 (0xFFE5EBDD)
YUV	231.6100, -5.2307, -2.2890
Hunter-Lab	90.1638, -9.1631, 10.4152

Details

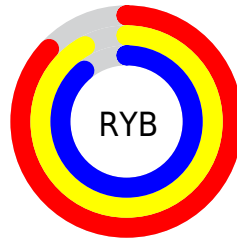
The XYZ color **75.0726, 81.2951, 80.1414** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.5335, 74.0441, 89.0704**, and the grayscale version is **76.4496, 80.4309, 87.5892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4586, 43.9920, 42.4353** is the 20% darker color. If you saturate the color by 10%, you get **69.0366, 78.5226, 64.6427**, and if you desaturate by 10%, it is **81.7381, 84.3462, 97.9607**.

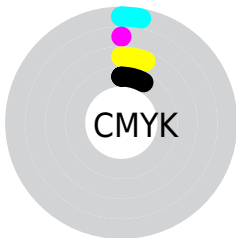
Distribution



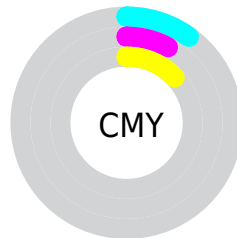
- Red (90%)
- Green (92%)
- Blue (87%)



- Red (87%)
- Yellow (92%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0726, 81.2951, 80.1414 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 75.0726, 81.2951, 80.1414 by changing the saturation by 10% instead.

■ 75.0726, 81.2951,
80.1414

■ 75.0726, 81.2951,
80.1414

467.1604,
499.2868, 515.1286

■ 55.9668, 60.7847,
59.3079

125.4025,
135.1850, 135.3777

■ 40.4132, 44.0514,
42.4394

157.3572,
169.3334, 170.6176

■ 28.0465, 30.7109,
29.1173

194.3257,
208.7964, 211.4966

■ 18.5013, 20.3788,
18.9233

236.6731,
253.9586, 258.4334

■ 11.4124, 12.6707,
11.4386

284.7650,
305.2044, 311.8464

■ 6.4142, 7.2022,
6.2448

338.9666,

■ 3.1416, 3.5889,

362.9180, 372.1543

2.9233

399.6433,
427.4840, 439.7755

■ 1.2291, 1.4464,
1.0556

■ 0.1291, 0.2505,
0.0000

■ 75.0726, 81.2951,
80.1414

■ 75.0726, 81.2951,
80.1414

■ 69.0366, 78.5226,
64.6427

■ 81.7381, 84.3462,
97.9607

■ 63.6021, 76.0093,
51.3638

■ 86.8813, 86.8076,
106.7842

■ 58.7487, 73.7492,
40.2044

■ 88.9999, 87.8998,
106.8833

■ 54.4523, 71.7324,
31.0543

■ 50.6866, 69.9480,
23.7935

■ 47.4231, 68.3840,
18.2891

■ 44.6295, 67.0273,
14.3909

■ 42.2689, 65.8625,
11.9236

■ 40.2963, 64.8713,
10.6703

Harmonies

Analogous

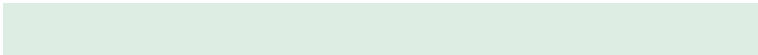
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8601, 81.2951, 78.2700



75.0726, 81.2951, 80.1414



73.8881, 81.2951, 84.2665

Triad

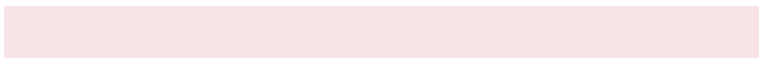
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0726, 81.2951, 80.1414



75.7700, 81.2951, 98.7106



81.0542, 81.2951, 87.3499

Complementary

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



75.0726, 81.2951, 80.1414



72.5335, 74.0441, 89.0704

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.



80.7505, 81.2951, 92.9071



75.0726, 81.2951, 80.1414



77.6785, 81.2951, 99.6204

Square

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



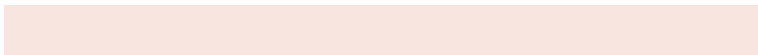
75.0726, 81.2951, 80.1414



74.2860, 81.2951, 95.0192



79.5069, 81.2951, 97.4558



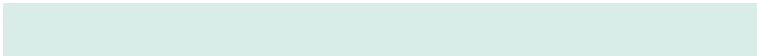
80.3299, 81.2951, 82.3176

Rectangle

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



75.0726, 81.2951, 80.1414



73.5886, 81.2951, 87.8197



79.5069, 81.2951, 97.4558



81.0691, 81.2951, 89.2171

Sweetspot

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



75.0749, 81.2986, 80.1432



93.4398, 99.2635, 104.5953



74.7386, 77.7325, 79.4726



20.0169, 21.2542, 22.4328



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

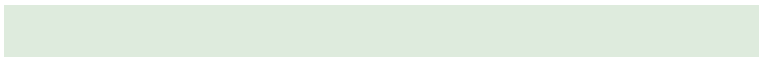
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0749, 81.2986, 80.1432



89.5482, 97.4805, 94.3316



72.9372, 80.1966, 80.0431



15.9443, 17.4026, 16.6826



22.1766, 35.9769, 5.7754



1.8511, 2.8816, 0.4586

Inverse Universe

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



72.5335, 74.0441, 89.0704



85.9651, 87.2523, 106.9183



74.7318, 75.1774, 89.1733



15.2566, 15.4396, 19.0983



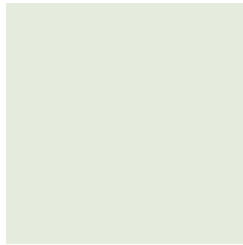
11.4568, 4.9421, 44.0930



1.0077, 0.4438, 3.4674

Previews

White Background



This preview shows how the XYZ color 75.0726, 81.2951, 80.1414 looks on a white background.

Color Contrast Check

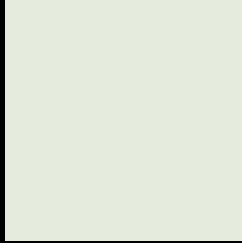
Large Text (above 18pt) WCAG AA × Fail

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 75.0726, 81.2951, 80.1414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

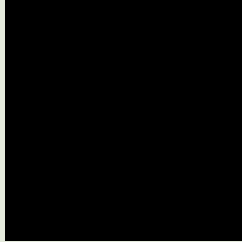
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

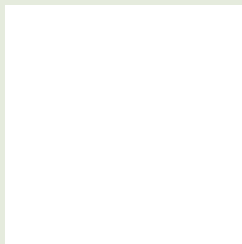
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0726, 81.2951, 80.1414

Background



This preview shows how black text looks on a background with the XYZ color 75.0726, 81.2951, 80.1414.



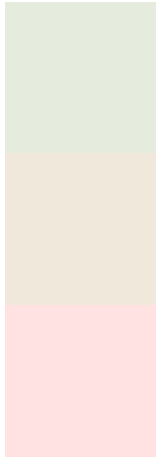
This preview shows how white text looks on a background with the XYZ color 75.0726, 81.2951,

80.1414.

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

75.0726, 81.2951, 80.1414

Protanopia

77.5780, 81.3530, 78.6317

Deuteranopia

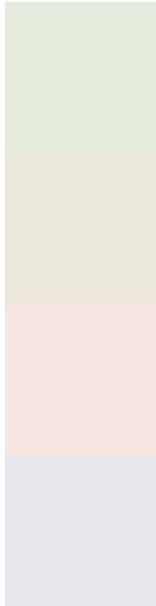
82.0270, 81.0890, 82.5626



Tritanopia

79.2791, 81.3150, 101.1394

Trichromacy



Original Color

75.0726, 81.2951, 80.1414

Protanomaly

76.6493, 81.2780, 79.3585

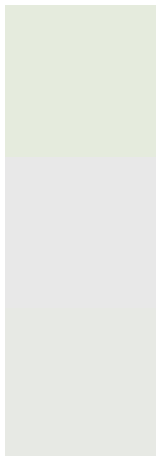
Deuteranomaly

79.4799, 81.0133, 81.9691

Tritanomaly

77.7153, 81.1010, 93.2194

Monochromacy



Original Color

75.0726, 81.2951, 80.1414

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0975, 80.8682, 84.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0726, 81.2951, 80.1414 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.0726, 81.2951, 80.1414 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, 221) }
```


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

```
.border{ border-color:rgb(229, 235, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0726, 81.2951, 80.1414 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, 221) }
```

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

```
.background{ background-color: rgb(229,  
235, 221) }
```

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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