

Converting Colors

XYZ(73.3805, 82.6901, 80.2760)

Have a look what the booklet for
XYZ(73.3805, 82.6901, 80.2760)
contains.

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Color

**XYZ(73.4247, 82.6007,
80.4803)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF0DD
RGB	219, 240, 221
RGB Percent	86%, 94%, 87%
CMY	0.1412, 0.0588, 0.1333
CMYK	0.09, 0.00, 0.08, 0.06
HSL	126°, 41%, 90%
HSV	126°, 9%, 94%
XYZ	73.4247, 82.6007, 80.4803
YIQ	231.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

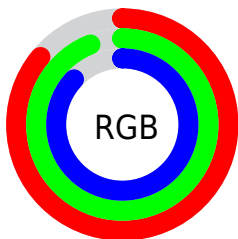
Format	Color
R_{YB}	219, 238, 240
Decimal	14414045
CIE Lab	92.84, -10.35, 6.82
CIE LCh	93, 12.401, 146.619
Yxy	82.6007, 0.3105, 0.3493
Android (android.graphics.Color)	4292604125 (0xFFDBF0DD)
YUV	231.5550, -5.2036, -11.0107
Hunter-Lab	90.8849, -14.8409, 11.1170

Details

The XYZ color **73.4247, 82.6007, 80.4803** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7023, 75.3635, 91.3969**, and the grayscale version is **76.4122, 80.3916, 87.5465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3333, 44.9267, 42.6750** is the 20% darker color. If you saturate the color by 10%, you get **64.0098, 78.0625, 65.9015**, and if you desaturate by 10%, it is **84.2595, 87.8324, 97.0824**.

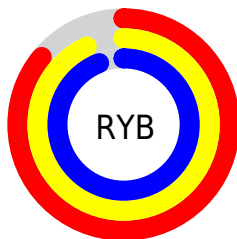
Distribution



Red (86%)

Green (94%)

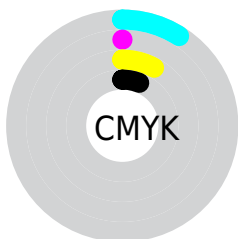
Blue (87%)



Red (86%)

Yellow (93%)

Blue (94%)

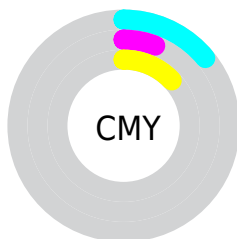


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4247, 82.6007, 80.4803 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 73.4247, 82.6007, 80.4803 by changing the saturation by 10% instead.

73.4247, 82.6007,
80.4803

73.4247, 82.6007,
80.4803

461.5665,
503.6548, 516.2994

54.6129, 61.8608,
59.5852

123.0798,
137.0161, 135.8583

39.3245, 44.9202,
42.6613

154.6539,
171.4603, 171.1782

27.1941, 31.3946,
29.2900

191.2127,
211.2415, 212.1436

17.8564, 20.8995,
19.0528

233.1217,
256.7440, 259.1728

10.9460, 13.0506,
11.5313

280.7463,
308.3521, 312.6844

6.0976, 7.4634,
6.3067

334.4517,

2.9457, 3.7535,

366.4504, 373.0970

2.9607

394.6033,
431.4232, 440.8292

■ 1.1251, 1.5367,
1.0746

■ 0.0460, 0.3143,
0.0000

■ 73.4247, 82.6007,
80.4803

■ 73.4247, 82.6007,
80.4803

■ 64.0098, 78.0625,
65.9015

■ 84.2595, 87.8324,
97.0824

■ 55.9493, 74.1785,
53.2635

■ 90.4517, 90.8033,
107.3672

■ 49.1829, 70.9218,
42.4861

■ 43.6430, 68.2595,
33.4814

■ 39.2556, 66.1553,
26.1545

■ 35.9391, 64.5695,
20.4015

■ 33.6009, 63.4567,
16.1072

■ 32.1324, 62.7638,
13.1403

■ 31.3808, 62.4153,
11.3455

Harmonies

Analogous

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



75.7529, 82.6007, 74.9211



73.4247, 82.6007, 80.4803



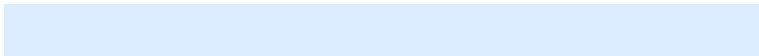
72.4571, 82.6007, 88.8907

Triad

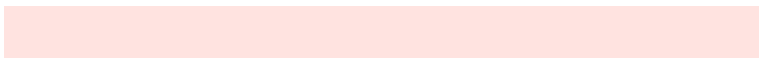
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4247, 82.6007, 80.4803



78.1429, 82.6007, 108.9372



84.2079, 82.6007, 82.1835

Complementary

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



73.4247, 82.6007, 80.4803



76.7023, 75.3635, 91.3969

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.



84.8898, 82.6007, 90.9938



73.4247, 82.6007, 80.4803



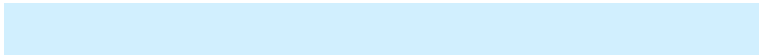
81.3321, 82.6007, 106.8386

Square

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



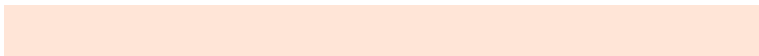
73.4247, 82.6007, 80.4803



75.1336, 82.6007, 105.6635



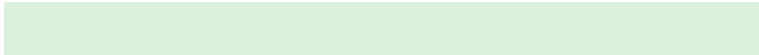
83.8238, 82.6007, 100.1093



81.9850, 82.6007, 75.8559

Rectangle

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



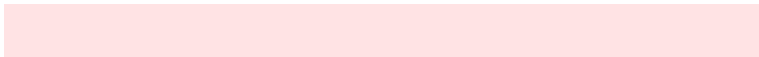
73.4247, 82.6007, 80.4803



72.6936, 82.6007, 95.1346



83.8238, 82.6007, 100.1093



84.6276, 82.6007, 84.9344

Sweetspot

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



73.4270, 82.6042, 80.4821



91.1968, 98.1400, 103.0071



79.2937, 85.6592, 79.3737



19.3049, 20.9023, 21.7185



0.0000, 0.0000, 0.0000



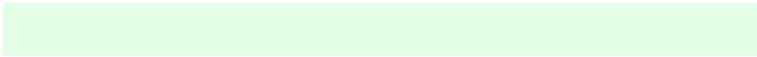
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4270, 82.6042, 80.4821



81.6526, 93.5347, 88.3348



74.8353, 83.1675, 87.8981



15.6270, 17.6808, 17.0589



17.1625, 34.1570, 6.2388



1.4483, 2.8498, 0.6271

Inverse Universe

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



76.7023, 75.3635, 91.3969



86.3183, 83.2200, 103.8825



75.2383, 74.7779, 83.6874



16.3856, 16.0039, 19.5866



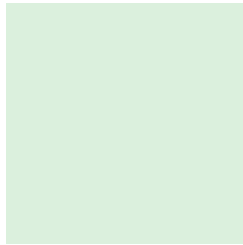
26.5650, 12.8984, 37.2216



2.2287, 1.0805, 3.1951

Previews

White Background



This preview shows how the XYZ color 73.4247, 82.6007, 80.4803 looks on a white background.

Color Contrast Check

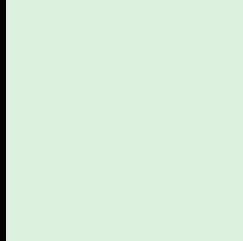
Large Text (above 18pt) WCAG AA × Fail

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 73.4247, 82.6007, 80.4803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

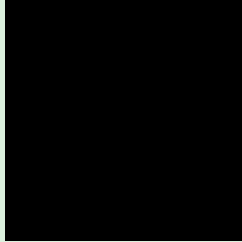
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

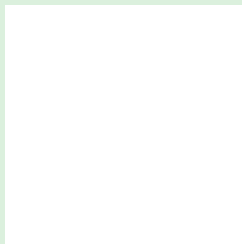
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4247, 82.6007, 80.4803

Background



This preview shows how black text looks on a background with the XYZ color 73.4247, 82.6007, 80.4803.



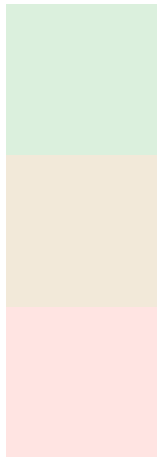
This preview shows how white text looks on a background with the XYZ color 73.4247, 82.6007,

80.4803.

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

73.4247, 82.6007, 80.4803

Protanopia

78.2812, 82.1648, 77.3792

Deuteranopia

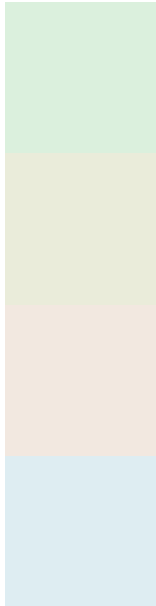
82.7109, 82.2378, 83.4657



Tritanopia

78.3382, 82.4197, 105.5457

Trichromacy



Original Color

73.4247, 82.6007, 80.4803

Protanomaly

76.5820, 82.5453, 78.2262

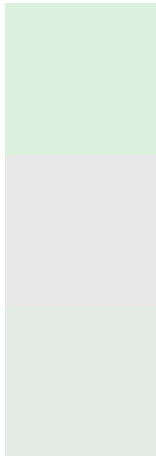
Deuteranomaly

78.9291, 81.9723, 82.1832

Tritanomaly

76.4354, 82.5088, 95.9016

Monochromacy



Original Color

73.4247, 82.6007, 80.4803

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.3905, 81.3490, 85.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4247, 82.6007, 80.4803 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(219, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 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(219, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.4247, 82.6007, 80.4803 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(219, 240, 221) }
```


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

```
.border{ border-color:rgb(219, 240, 221) }
```

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

Here you see how a box with a 4 pixel rgb(219, 240, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4247, 82.6007, 80.4803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 221) }
```

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

```
.background{ background-color: rgb(219,  
240, 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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