

Converting Colors

XYZ(72.9725, 83.7858, 78.3818)

Have a look what the booklet for
XYZ(72.9725, 83.7858, 78.3818)
contains.

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Color

**XYZ(73.0244, 83.7621,
78.6486)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F3DA
RGB	216, 243, 218
RGB Percent	85%, 95%, 85%
CMY	0.1529, 0.0470, 0.1451
CMYK	0.11, 0.00, 0.10, 0.05
HSL	124°, 53%, 90%
HSV	124°, 11%, 95%
XYZ	73.0244, 83.7621, 78.6486
YIQ	232.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

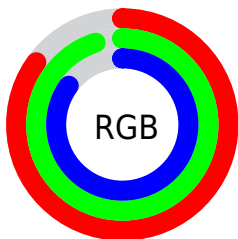
Format	Color
R_{YB}	216, 241, 243
Decimal	14218202
CIE _{Lab}	93.35, -13.38, 9.08
CIE _{LCh}	93, 16.169, 145.833
Yxy	83.7621, 0.3102, 0.3558
Android (android.graphics.Color)	4292408282 (0xFFD8F3DA)
YUV	232.0770, -6.9400, -14.0995
Hunter-Lab	91.5216, -17.7391, 13.1146

Details

The XYZ color **73.0244, 83.7621, 78.6486** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3982, 74.5193, 93.5274**, and the grayscale version is **76.8160, 80.8164, 88.0091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0791, 45.7621, 41.4236** is the 20% darker color. If you saturate the color by 10%, you get **63.6219, 79.2348, 63.8682**, and if you desaturate by 10%, it is **83.8930, 89.0038, 95.5876**.

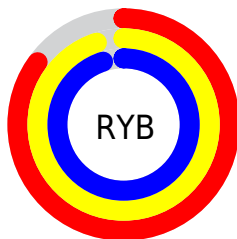
Distribution



Red (85%)

Green (95%)

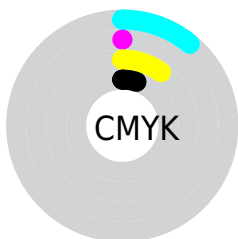
Blue (85%)



Red (85%)

Yellow (95%)

Blue (95%)

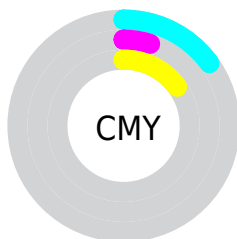


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0244, 83.7621, 78.6486 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 73.0244, 83.7621, 78.6486 by changing the saturation by 10% instead.

73.0244, 83.7621,
78.6486

73.0244, 83.7621,
78.6486

460.2019,
507.5229, 509.9529

54.2844, 62.8190,
58.0873

122.5148,
138.6423, 133.2582

39.0606, 45.6948,
41.4637

153.9959,
173.3483, 168.1436

26.9878, 32.0051,
28.3592

190.4546,
213.4107, 208.6409

17.7006, 21.3654,
18.3552

232.2565,
259.2139, 255.1684

10.8336, 13.3913,
11.0332

279.7668,
311.1424, 308.1449

6.0216, 7.6986,
5.9747

333.3509,

2.8990, 3.9027,

369.5804, 367.9888

2.7612

393.3741,
434.9125, 435.1186

■ 1.1006, 1.6193,
0.9740

■ 0.0256, 0.3705,
0.0000

■ 73.0244, 83.7621,
78.6486

■ 73.0244, 83.7621,
78.6486

■ 63.6219, 79.2348,
63.8682

■ 83.8930, 89.0038,
95.5876

■ 55.6162, 75.3808,
51.1544

■ 91.3422, 92.5845,
107.6641

■ 48.9427, 72.1712,
40.4169

■ 43.5288, 69.5707,
31.5565

■ 39.2952, 67.5408,
24.4653

■ 36.1537, 66.0385,
19.0247

■ 34.0032, 65.0145,
15.1014

■ 32.7241, 64.4104,
12.5413

■ 32.1614, 64.1481,
11.2591

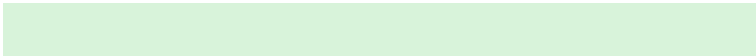
Harmonies

Analogous

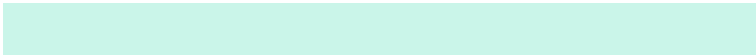
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0960, 83.7621, 71.6700



73.0244, 83.7621, 78.6486



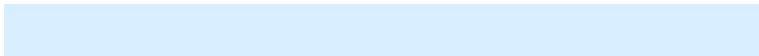
71.7177, 83.7621, 89.5083

Triad

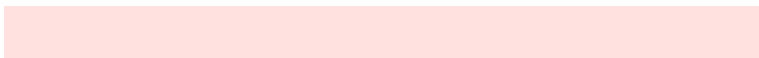
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0244, 83.7621, 78.6486



79.0195, 83.7621, 116.6660



87.2183, 83.7621, 81.3545

Complementary

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



73.0244, 83.7621, 78.6486



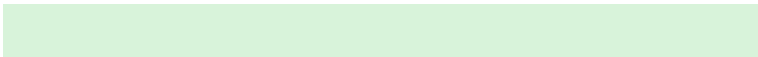
77.3982, 74.5193, 93.5274

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.



88.0683, 83.7621, 92.9183



73.0244, 83.7621, 78.6486



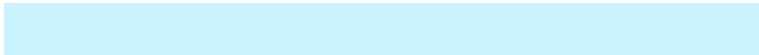
83.2375, 83.7621, 113.9963

Square

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



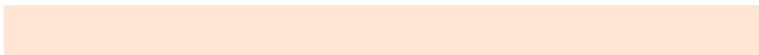
73.0244, 83.7621, 78.6486



75.0998, 83.7621, 112.0293



86.5872, 83.7621, 105.0263



84.3042, 83.7621, 73.1317

Rectangle

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



73.0244, 83.7621, 78.6486



71.9878, 83.7621, 97.7563



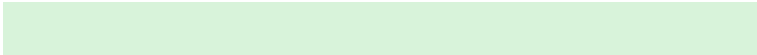
86.5872, 83.7621, 105.0263



87.7593, 83.7621, 84.9487

Sweetspot

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



73.0267, 83.7657, 78.6504



91.1717, 98.1300, 102.8749



80.7928, 87.7993, 77.6555



19.2982, 20.8996, 21.6829



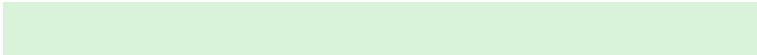
0.0000, 0.0000, 0.0000



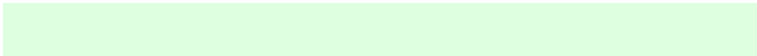
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0267, 83.7657, 78.6504



79.3343, 92.4243, 84.3969



74.8383, 84.4903, 88.1903



16.3320, 18.4919, 17.7667



17.6684, 35.2122, 6.2734



1.5698, 3.1016, 0.6407

Inverse Universe

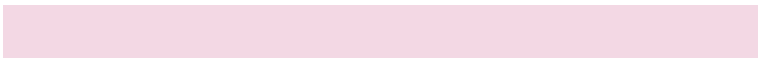
The Inverse Universe completely reimagines the original color for something new.



77.3982, 74.5193, 93.5274



84.9785, 80.4857, 103.6048



75.4827, 73.7531, 83.4404



17.1575, 16.7459, 20.5761



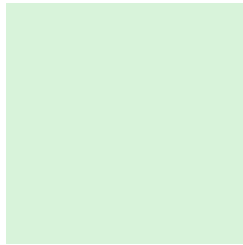
27.7672, 13.4503, 40.3440



2.4560, 1.1884, 3.6277

Previews

White Background



This preview shows how the XYZ color 73.0244, 83.7621, 78.6486 looks on a white background.

Color Contrast Check

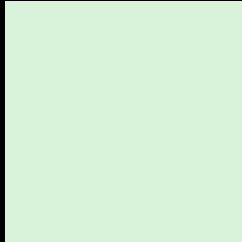
Large Text (above 18pt) WCAG AA × Fail

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 73.0244, 83.7621, 78.6486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

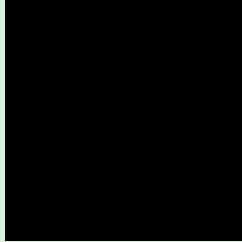
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

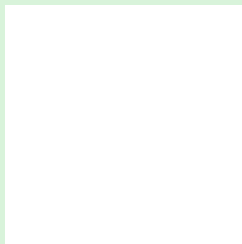
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0244, 83.7621, 78.6486

Background



This preview shows how black text looks on a background with the XYZ color 73.0244, 83.7621, 78.6486.



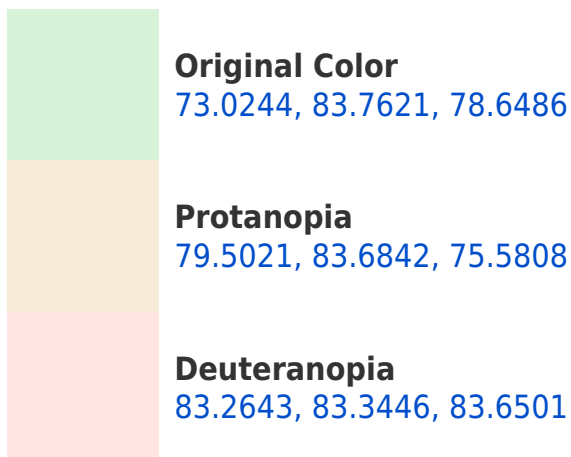
This preview shows how white text looks on a background with the XYZ color 73.0244, 83.7621,

78.6486.

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

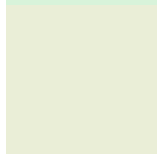
78.7656, 83.4763, 106.5689

Trichromacy



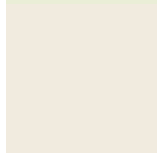
Original Color

73.0244, 83.7621, 78.6486



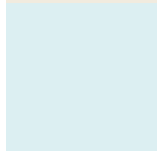
Protanomaly

76.7720, 83.5478, 76.3700



Deuteranomaly

79.3032, 83.4451, 81.7388



Tritanomaly

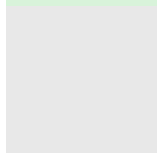
76.4087, 83.3595, 96.0672

Monochromacy



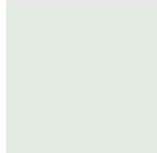
Original Color

73.0244, 83.7621, 78.6486



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

75.2246, 81.7057, 84.4791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0244, 83.7621, 78.6486 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(216, 243, 218)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 218)  
}
```

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(216, 243, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 218) }
```

Border

The CSS property to change the border of an element to XYZ 73.0244, 83.7621, 78.6486 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(216, 243, 218) }
```


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

```
.border{ border-color:rgb(216, 243, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 243, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 243, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 243, 218);  
box-shadow:4px 4px 4px 4px rgb(216, 243,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0244, 83.7621, 78.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 218) }
```

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

```
.background{ background-color: rgb(216,  
243, 218) }
```

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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