

Converting Colors

XYZ(73.3116, 82.7252, 79.9298)

Have a look what the booklet for
XYZ(73.3116, 82.7252, 79.9298)
contains.

XYZ(73.2918, 82.5476, 79.7805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.2918, 82.5476,
79.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF0DC
RGB	219, 240, 220
RGB Percent	86%, 94%, 86%
CMY	0.1412, 0.0588, 0.1372
CMYK	0.09, 0.00, 0.08, 0.06
HSL	123°, 41%, 90%
HSV	123°, 9%, 94%
XYZ	73.2918, 82.5476, 79.7805
YIQ	231.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

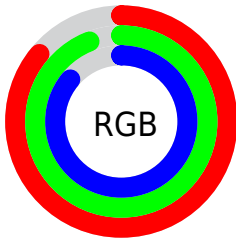
Format	Color
R_{YB}	219, 239, 240
Decimal	14414044
CIE _{Lab}	92.82, -10.53, 7.31
CIE _{LCh}	93, 12.819, 145.241
Yxy	82.5476, 0.3111, 0.3503
Android (android.graphics.Color)	4292604124 (0xFFDBF0DC)
YUV	231.4410, -5.6404, -10.9108
Hunter-Lab	90.8557, -15.0045, 11.5364

Details

The XYZ color **73.2918, 82.5476, 79.7805** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.8497, 75.4224, 92.1730**, and the grayscale version is **76.3301, 80.3053, 87.4524**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2419, 44.8901, 42.1937** is the 20% darker color. If you saturate the color by 10%, you get **63.7622, 77.9635, 64.5978**, and if you desaturate by 10%, it is **84.2810, 87.8410, 97.1956**.

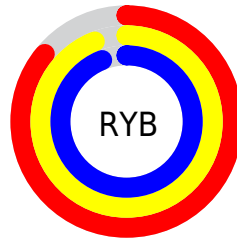
Distribution



Red (86%)

Green (94%)

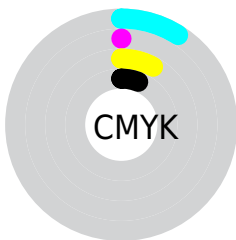
Blue (86%)



Red (86%)

Yellow (94%)

Blue (94%)

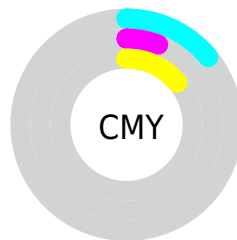


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2918, 82.5476, 79.7805 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 73.2918, 82.5476, 79.7805 by changing the saturation by 10% instead.

73.2918, 82.5476,
79.7805

73.2918, 82.5476,
79.7805

461.1137,
503.4775, 513.8800

54.5038, 61.8170,
59.0126

122.8923,
136.9417, 134.8657

39.2369, 44.8849,
42.2032

154.4355,
171.3739, 170.0201

27.1256, 31.3667,
28.9337

190.9611,
211.1422, 210.8071

17.8047, 20.8783,
18.7855

232.8346,
256.6309, 257.6453

10.9087, 13.0351,
11.3402

280.4212,
308.2243, 310.9531

6.0723, 7.4527,
6.1791

334.0864,

2.9302, 3.7468,

366.3070, 371.1491

2.8837

394.1954,
431.2633, 438.6519

■ 1.1169, 1.5329,
1.0356

■ 0.0392, 0.3117,
0.0000

■ 73.2918, 82.5476,
79.7805

■ 73.2918, 82.5476,
79.7805

■ 63.7622, 77.9635,
64.5978

■ 84.2810, 87.8410,
97.1956

■ 55.6243, 74.0486,
51.5521

■ 90.4517, 90.8034,
107.3672

■ 48.8151, 70.7748,
40.5492

■ 43.2640, 68.1079,
31.4857

■ 38.8938, 66.0107,
24.2491

■ 35.6190, 64.4415,
18.7156

■ 33.3424, 63.3534,
14.7459

■ 31.9498, 62.6909,
12.1785

■ 31.2804, 62.3752,
10.8166

Harmonies

Analogous

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



75.7477, 82.5476, 74.2246



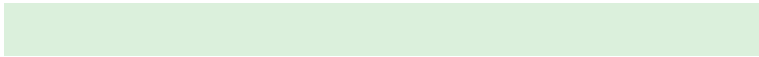
73.2918, 82.5476, 79.7805



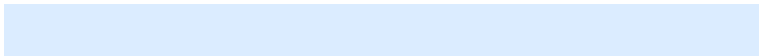
72.2213, 82.5476, 88.3604

Triad

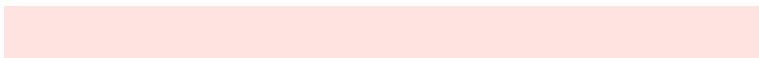
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2918, 82.5476, 79.7805



77.9265, 82.5476, 109.5186



84.4228, 82.5476, 82.2508

Complementary

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



73.2918, 82.5476, 79.7805



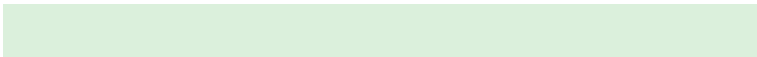
76.8497, 75.4224, 92.1730

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.



85.0459, 82.5476, 91.4175



73.2918, 82.5476, 79.7805



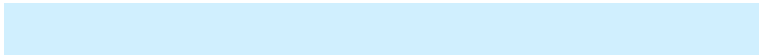
81.2343, 82.5476, 107.5958

Square

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



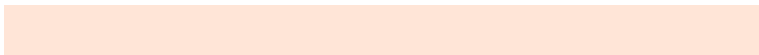
73.2918, 82.5476, 79.7805



74.8483, 82.5476, 105.8817



83.8636, 82.5476, 100.7984



82.1840, 82.5476, 75.5782

Rectangle

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



73.2918, 82.5476, 79.7805



72.4146, 82.5476, 94.8109



83.8636, 82.5476, 100.7984



84.8308, 82.5476, 85.1237

Sweetspot

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



73.2941, 82.5511, 79.7823



91.1403, 98.1174, 102.7097



79.6479, 85.8419, 79.3901



19.2897, 20.8962, 21.6386



0.0000, 0.0000, 0.0000



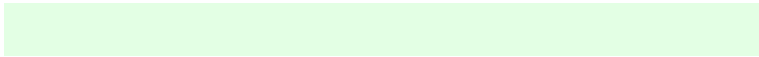
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2941, 82.5511, 79.7823



81.4661, 93.4601, 87.3528



74.6871, 83.1083, 87.1180



15.5964, 17.6686, 16.8976



17.1054, 34.1342, 5.9381



1.4337, 2.8439, 0.5501

Inverse Universe

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



76.8497, 75.4224, 92.1730



86.5311, 83.3051, 105.0031



75.3844, 74.8362, 84.4565



16.4198, 16.0177, 19.7671



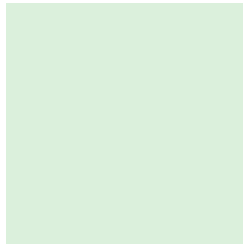
27.3953, 13.2305, 41.5936



2.2890, 1.1046, 3.5126

Previews

White Background



This preview shows how the XYZ color 73.2918, 82.5476, 79.7805 looks on a white background.

Color Contrast Check

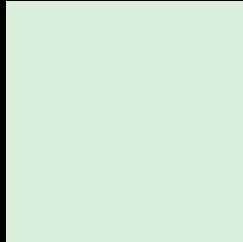
Large Text (above 18pt) WCAG AA × Fail

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 73.2918, 82.5476, 79.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

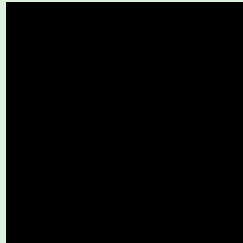
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

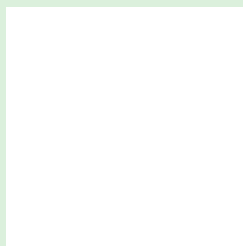
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2918, 82.5476, 79.7805

Background



This preview shows how black text looks on a background with the XYZ color 73.2918, 82.5476, 79.7805.



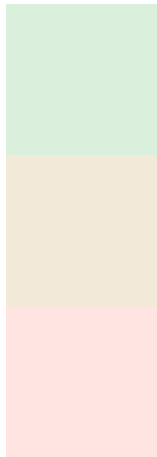
This preview shows how white text looks on a background with the XYZ color 73.2918, 82.5476,

79.7805.

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

73.2918, 82.5476, 79.7805

Protanopia

78.1515, 82.1129, 76.6961

Deuteranopia

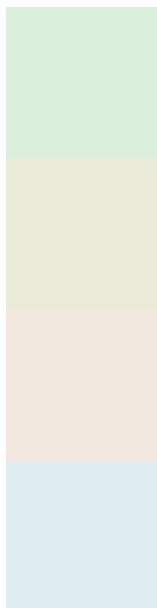
82.5740, 82.1830, 82.7450



Tritanopia

78.3382, 82.4197, 105.5457

Trichromacy



Original Color

73.2918, 82.5476, 79.7805

Protanomaly

76.4515, 82.4931, 77.5390

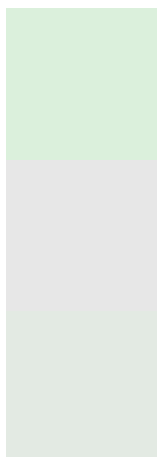
Deuteranomaly

78.7938, 81.9182, 81.4709

Tritanomaly

76.4354, 82.5088, 95.9016

Monochromacy



Original Color

73.2918, 82.5476, 79.7805

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.9665, 80.7226, 84.3029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2918, 82.5476, 79.7805 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.2918, 82.5476, 79.7805 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, 220) }
```


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

```
.border{ border-color:rgb(219, 240, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2918, 82.5476, 79.7805 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, 220) }
```

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

```
.background{ background-color: rgb(219,  
240, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor