

Converting Colors

XYZ(72.5160, 82.1023, 76.9869)

Have a look what the booklet for
XYZ(72.5160, 82.1023, 76.9869)
contains.

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Color

**XYZ(72.4682, 82.1835,
77.0093)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF0D8
RGB	218, 240, 216
RGB Percent	85%, 94%, 85%
CMY	0.1451, 0.0588, 0.1529
CMYK	0.09, 0.00, 0.10, 0.06
HSL	115°, 44%, 89%
HSV	115°, 10%, 94%
XYZ	72.4682, 82.1835, 77.0093
YIQ	230.6860, -5.4080, -12.1280

Conversions

Conversions Part 2

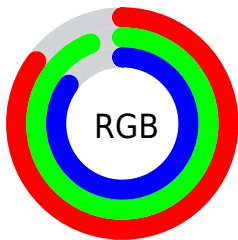
Format	Color
R_{YB}	216, 240, 238
Decimal	14348504
CIE _{Lab}	92.66, -11.56, 9.14
CIE _{LCh}	93, 14.743, 141.666
Yxy	82.1835, 0.3128, 0.3548
Android (android.graphics.Color)	4292538584 (0xFFDAF0D8)
YUV	230.6860, -7.2402, -11.1256
Hunter-Lab	90.6551, -15.9565, 13.0932

Details

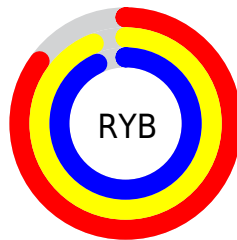
The XYZ color **72.4682, 82.1835, 77.0093** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.5473, 73.5825, 92.6634**, and the grayscale version is **75.7791, 79.7256, 86.8211**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6778, 44.6407, 40.2962** is the 20% darker color. If you saturate the color by 10%, you get **63.4412, 77.8650, 61.5557**, and if you desaturate by 10%, it is **82.8263, 87.1406, 94.8944**.

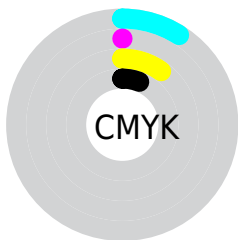
Distribution



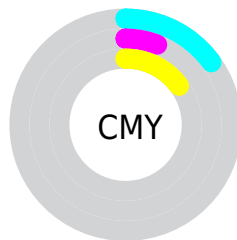
- Red (85%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (93%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4682, 82.1835, 77.0093 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 72.4682, 82.1835, 77.0093 by changing the saturation by 10% instead.

72.4682, 82.1835,
77.0093

72.4682, 82.1835,
77.0093

458.3020,
502.2613, 504.2342

53.8281, 61.5168,
56.7489

121.7292,
136.4313, 130.9257

38.6943, 44.6424,
40.3957

153.0807,
170.7812, 165.4189

26.7017, 31.1758,
27.5310

189.4001,
210.4609, 205.4933

17.4847, 20.7328,
17.7365

231.0526,
255.8549, 251.5676

10.6781, 12.9288,
10.5935

278.4037,
307.3476, 304.0603

5.9165, 7.3795,
5.6835

331.8188,

2.8346, 3.7006,

365.3232, 363.3900

2.5879

391.6631,
430.1664, 429.9751

■ 1.0669, 1.5075,
0.8862

■ 0.0000, 0.2940,
0.0000

■ 72.4682, 82.1835,
77.0093

■ 72.4682, 82.1835,
77.0093

■ 63.4412, 77.8650,
61.5557

■ 82.8263, 87.1406,
94.8944

■ 55.6849, 74.1491,
48.4235

■ 90.4517, 90.8034,
107.3672

■ 49.1441, 71.0122,
37.5022

■ 43.7571, 68.4250,
28.6703

■ 39.4567, 66.3557,
21.7945

■ 36.1685, 64.7694,
16.7261

■ 33.8090, 63.6265,
13.2953

■ 32.2810, 62.8814,
11.3000

■ 31.4500, 62.4721,
10.4007

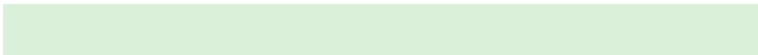
Harmonies

Analogous

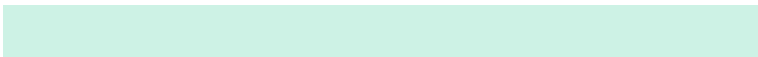
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4210, 82.1835, 71.2507



72.4682, 82.1835, 77.0093



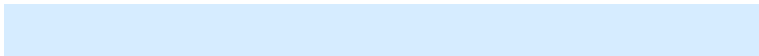
71.0390, 82.1835, 86.4564

Triad

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



72.4682, 82.1835, 77.0093



77.0486, 82.1835, 112.0575



85.1712, 82.1835, 81.9084

Complementary

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



72.4682, 82.1835, 77.0093



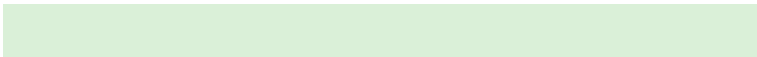
75.5473, 73.5825, 92.6634

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.



85.6416, 82.1835, 92.5811



72.4682, 82.1835, 77.0093



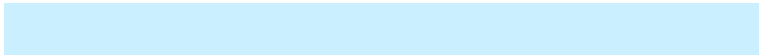
80.8682, 82.1835, 110.5891

Square

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



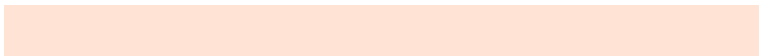
72.4682, 82.1835, 77.0093



73.6262, 82.1835, 107.0999



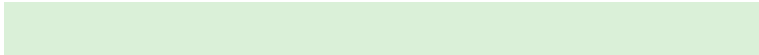
84.0435, 82.1835, 103.2377



82.7783, 82.1835, 73.9138

Rectangle

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



72.4682, 82.1835, 77.0093



71.1089, 82.1835, 93.8241



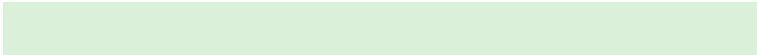
84.0435, 82.1835, 103.2377



85.5624, 82.1835, 85.2796

Sweetspot

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



72.4705, 82.1870, 77.0111



91.3094, 98.2112, 102.4233



78.9080, 84.6363, 77.1446



19.3351, 20.9213, 21.5617



0.0000, 0.0000, 0.0000



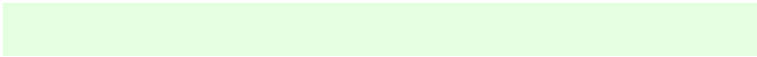
20.3446, 21.4041, 23.3091

Same Dimension

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



72.4705, 82.1870, 77.0111



80.9313, 93.2461, 84.5385



73.2091, 82.4138, 84.0029



15.6879, 17.7193, 16.7430



17.2593, 34.2191, 5.6953



1.4775, 2.8682, 0.4757

Inverse Universe

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



75.5473, 73.5825, 92.6634



85.1217, 81.5264, 105.8575



74.7769, 73.3523, 85.0831



16.3168, 15.9605, 19.9423



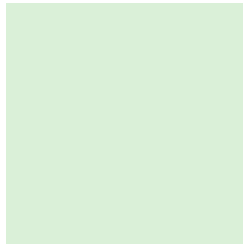
24.8237, 11.8025, 46.0976



2.1031, 1.0015, 3.8367

Previews

White Background



This preview shows how the XYZ color 72.4682, 82.1835, 77.0093 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 72.4682, 82.1835, 77.0093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

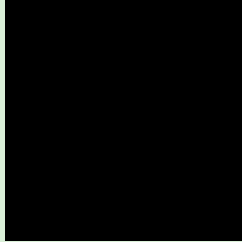
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

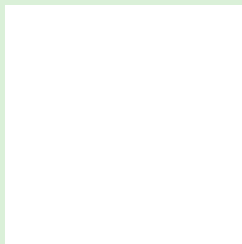
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4682, 82.1835, 77.0093

Background



This preview shows how black text looks on a background with the XYZ color 72.4682, 82.1835, 77.0093.

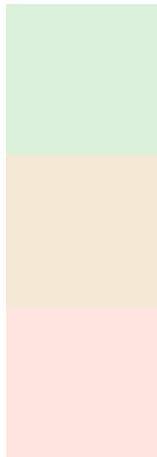


This preview shows how white text looks on a background with the XYZ color 72.4682, 82.1835,

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

72.4682, 82.1835, 77.0093

Protanopia

77.9847, 82.0860, 74.0213

Deuteranopia

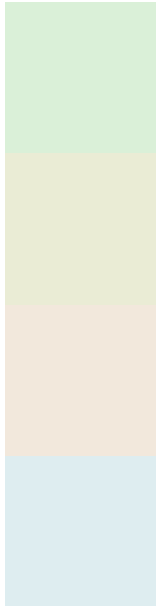
82.3027, 82.0745, 81.3162



Tritanopia

78.1784, 82.3558, 104.7043

Trichromacy



Original Color

72.4682, 82.1835, 77.0093

Protanomaly

75.9374, 82.2874, 74.8315

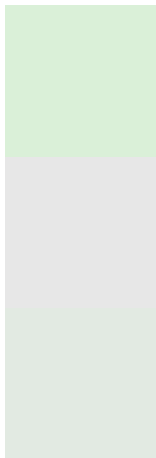
Deuteranomaly

78.3928, 81.7578, 79.3592

Tritanomaly

76.1366, 82.3892, 94.3280

Monochromacy



Original Color

72.4682, 82.1835, 77.0093

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.5143, 80.5054, 83.5633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4682, 82.1835, 77.0093 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(218, 240, 216) looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 216)  
}
```

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(218, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.4682, 82.1835, 77.0093 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(218, 240, 216) }
```


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

```
.border{ border-color:rgb(218, 240, 216) }
```

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

Here you see how a box with a 4 pixel rgb(218, 240, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4682, 82.1835, 77.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 216) }
```

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

```
.background{ background-color: rgb(218,  
240, 216) }
```

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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