

Converting Colors

XYZ(73.7643, 82.1534, 82.0943)

Have a look what the booklet for
XYZ(73.7643, 82.1534, 82.0943)
contains.

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Color

**XYZ(73.7010, 82.2764,
81.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEDFD
RGB	220, 239, 223
RGB Percent	86%, 94%, 87%
CMY	0.1372, 0.0627, 0.1255
CMYK	0.08, 0.00, 0.07, 0.06
HSL	129°, 37%, 90%
HSV	129°, 8%, 94%
XYZ	73.7010, 82.2764, 81.8085
YIQ	231.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

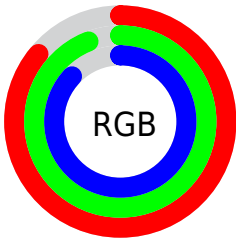
Format	Color
R _Y B	220, 236, 239
Decimal	14479327
CIE Lab	92.70, -9.17, 5.59
CIE LCh	93, 10.734, 148.632
Yxy	82.2764, 0.3099, 0.3460
Android (android.graphics.Color)	4292669407 (0xFFDCEFDf)
YUV	231.4950, -4.1880, -10.0811
Hunter-Lab	90.7063, -13.7007, 10.0205

Details

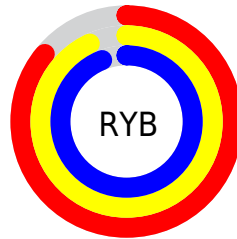
The XYZ color **73.7010, 82.2764, 81.8085** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3331, 75.5953, 89.9291**, and the grayscale version is **76.3600, 80.3366, 87.4866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5184, 44.6935, 43.5896** is the 20% darker color. If you saturate the color by 10%, you get **64.4239, 77.7913, 68.0412**, and if you desaturate by 10%, it is **84.3395, 87.4307, 97.3269**.

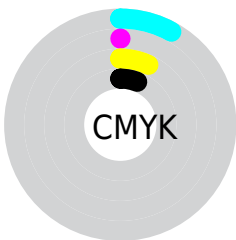
Distribution



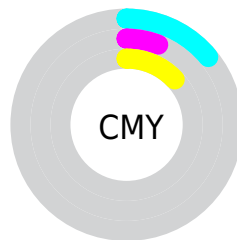
- Red (86%)
- Green (94%)
- Blue (87%)



- Red (86%)
- Yellow (93%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7010, 82.2764, 81.8085 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 73.7010, 82.2764, 81.8085 by changing the saturation by 10% instead.

73.7010, 82.2764,
81.8085

73.7010, 82.2764,
81.8085

462.5070,
502.5718, 520.8735

54.8398, 61.5934,
60.6728

123.4696,
136.5615, 137.7397

39.5068, 44.7042,
43.5323

155.1078,
170.9325, 173.3723

27.3367, 31.2245,
29.9685

191.7356,
210.6348, 214.6742

17.9641, 20.7699,
19.5628

233.7184,
256.0530, 262.0641

11.0238, 12.9559,
11.8968

281.4216,
307.5714, 315.9604

6.1502, 7.3982,
6.5517

335.2105,

2.9782, 3.7123,

365.5744, 376.7817

3.1092

395.4506,
430.4464, 444.9466

■ 1.1422, 1.5140,
1.1507

■ 0.0600, 0.2985,
0.0000

■ 73.7010, 82.2764,
81.8085

■ 73.7010, 82.2764,
81.8085

■ 64.4239, 77.7913,
68.0412

■ 84.3395, 87.4307,
97.3269

■ 56.4463, 73.9380,
55.9583

■ 90.1581, 90.2162,
107.2694

■ 49.7120, 70.6909,
45.4966

■ 44.1577, 68.0189,
36.5872

■ 39.7145, 65.8883,
29.1558

■ 36.3065, 64.2614,
23.1225

■ 33.8477, 63.0958,
18.3995

■ 32.2381, 62.3421,
14.8892

■ 31.3448, 61.9340,
12.4794

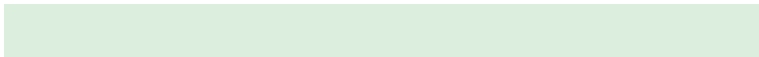
Harmonies

Analogous

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



75.6538, 82.2764, 76.7415



73.7010, 82.2764, 81.8085



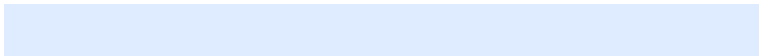
72.9499, 82.2764, 89.2179

Triad

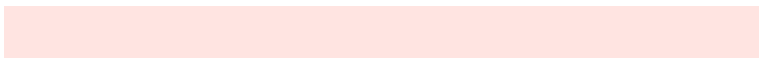
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7010, 82.2764, 81.8085



78.0730, 82.2764, 105.8725



83.0146, 82.2764, 82.4093

Complementary

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



73.7010, 82.2764, 81.8085



76.3331, 75.5953, 89.9291

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.



83.6988, 82.2764, 89.9531



73.7010, 82.2764, 81.8085



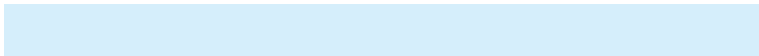
80.8052, 82.2764, 103.7871

Square

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



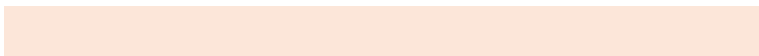
73.7010, 82.2764, 81.8085



75.4366, 82.2764, 103.3821



82.8811, 82.2764, 97.8394



81.0327, 82.2764, 77.0735

Rectangle

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



73.7010, 82.2764, 81.8085



73.2177, 82.2764, 94.5936



82.8811, 82.2764, 97.8394



83.4060, 82.2764, 84.7564

Sweetspot

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



73.7033, 82.2799, 81.8103



92.5146, 98.7720, 105.2121



78.4301, 84.7630, 79.9384



19.8285, 21.1541, 22.5584



0.0000, 0.0000, 0.0000



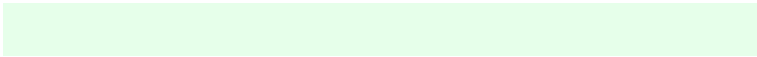
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7033, 82.2799, 81.8103



83.0161, 94.1737, 91.2871



74.9996, 82.7984, 88.6367



15.6676, 17.6971, 17.2727



17.2791, 34.2037, 6.8527



1.4675, 2.8575, 0.7285

Inverse Universe

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



76.3331, 75.5953, 89.9291



86.8064, 84.5391, 102.9880



75.0093, 75.0658, 82.9579



16.3408, 15.9860, 19.3508



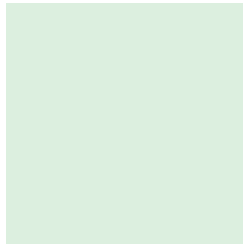
25.5555, 12.4946, 31.9056



2.1545, 1.0508, 2.8044

Previews

White Background



This preview shows how the XYZ color 73.7010, 82.2764, 81.8085 looks on a white background.

Color Contrast Check

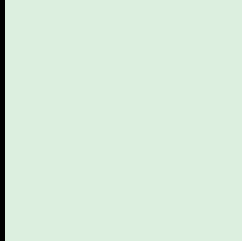
Large Text (above 18pt) WCAG AA × Fail

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 73.7010, 82.2764, 81.8085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

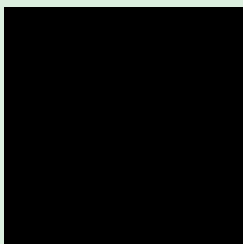
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

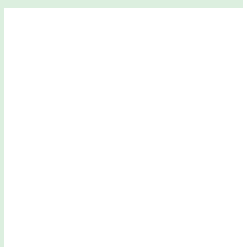
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7010, 82.2764, 81.8085

Background



This preview shows how black text looks on a background with the XYZ color 73.7010, 82.2764, 81.8085.



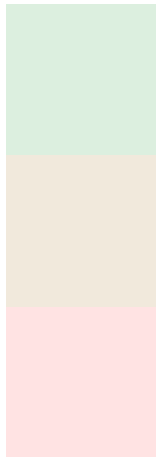
This preview shows how white text looks on a background with the XYZ color 73.7010, 82.2764,

81.8085.

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

73.7010, 82.2764, 81.8085

Protanopia

78.3328, 82.1459, 79.4373

Deuteranopia

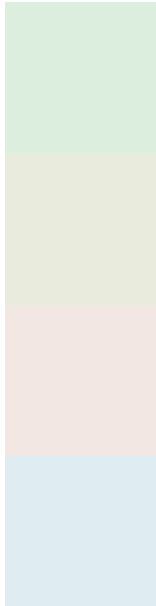
82.5742, 81.7442, 84.0991



Tritanopia

78.4893, 82.5161, 104.7189

Trichromacy



Original Color

73.7010, 82.2764, 81.8085

Protanomaly

76.3637, 81.9608, 80.2018

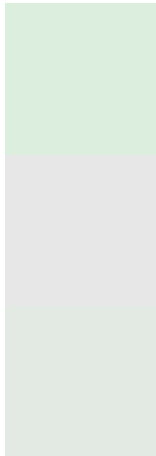
Deuteranomaly

78.9213, 81.5201, 83.5269

Tritanomaly

76.4539, 82.0897, 95.8197

Monochromacy



Original Color

73.7010, 82.2764, 81.8085

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1050, 80.7780, 85.0320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7010, 82.2764, 81.8085 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(220, 239, 223)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 223)  
}
```

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(220, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.7010, 82.2764, 81.8085 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(220, 239, 223) }
```


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

```
.border{ border-color:rgb(220, 239, 223) }
```

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

Here you see how a box with a 4 pixel rgb(220, 239, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7010, 82.2764, 81.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 223) }
```

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

```
.background{ background-color: rgb(220,  
239, 223) }
```

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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