

Converting Colors

XYZ(72.6638, 82.9300, 83.6901)

Have a look what the booklet for
XYZ(72.6638, 82.9300, 83.6901)
contains.

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Color

**XYZ(72.7833, 83.0866,
83.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F2E1
RGB	213, 242, 225
RGB Percent	84%, 95%, 88%
CMY	0.1647, 0.0510, 0.1176
CMYK	0.12, 0.00, 0.07, 0.05
HSL	145°, 53%, 89%
HSV	145°, 12%, 95%
XYZ	72.7833, 83.0866, 83.4354
YIQ	231.3910, -11.8270, -11.4350

Conversions

Conversions Part 2

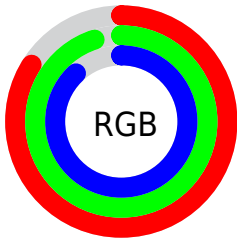
Format	Color
R _Y B	213, 234, 242
Decimal	14021345
CIE Lab	93.05, -12.61, 5.00
CIE LCh	93, 13.569, 158.362
Yxy	83.0866, 0.3041, 0.3472
Android (android.graphics.Color)	4292211425 (0xFFD5F2E1)
YUV	231.3910, -3.1508, -16.1289
Hunter-Lab	91.1519, -16.9863, 9.5355

Details

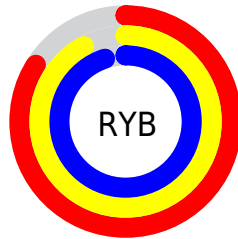
The XYZ color **72.7833, 83.0866, 83.4354** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6981, 72.1810, 84.8620**, and the grayscale version is **76.2779, 80.2502, 87.3925**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9152, 45.2892, 44.7209** is the 20% darker color. If you saturate the color by 10%, you get **64.4252, 78.9946, 73.3578**, and if you desaturate by 10%, it is **82.3543, 87.7899, 94.4128**.

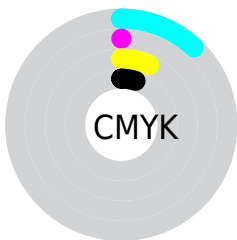
Distribution



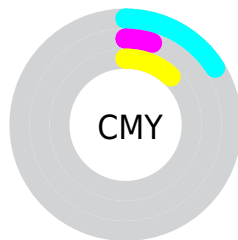
- Red (84%)
- Green (95%)
- Blue (88%)



- Red (84%)
- Yellow (92%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7833, 83.0866, 83.4354 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 72.7833, 83.0866, 83.4354 by changing the saturation by 10% instead.

72.7833, 83.0866,
83.4354

72.7833, 83.0866,
83.4354

459.3788,
505.2751, 526.4454

54.0865, 62.2616,
62.0067

122.1743,
137.6967, 140.0398

38.9018, 45.2441,
44.6023

153.5993,
172.2507, 176.0526

26.8637, 31.6497,
30.8036

189.9977,
212.1497, 217.7638

17.6070, 21.0941,
20.1921

231.7349,
257.7782, 265.5920

10.7661, 13.1928,
12.3493

279.1763,
309.5206, 319.9557

5.9759, 7.5615,
6.8566

332.6871,

2.8710, 3.8156,

367.7613, 381.2735

3.2955

392.6329,
432.8847, 449.9639

■ 1.0859, 1.5710,
1.2474

■ 0.0133, 0.3379,
0.0181

■ 72.7833, 83.0866,
83.4354

■ 72.7833, 83.0866,
83.4354

■ 64.4252, 78.9946,
73.3578

■ 82.3543, 87.7899,
94.4128

■ 57.2231, 75.4781,
64.1519

■ 90.7835, 91.8833,
106.1943

■ 51.1254, 72.5132,
55.7960

■ 91.0437, 91.9874,
107.5646

■ 46.0740, 70.0706,
48.2652

■ 42.0053, 68.1179,
41.5337

■ 38.8480, 66.6189,
35.5742

■ 36.5210, 65.5323,
30.3575

■ 34.9270, 64.8086,
25.8523

■ 34.0602, 64.4300,
22.7303

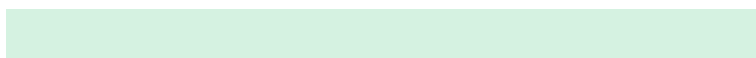
Harmonies

Analogous

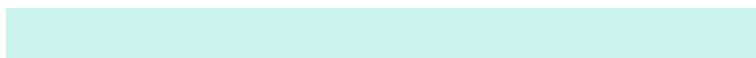
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8024, 83.0866, 75.9621



72.7833, 83.0866, 83.4354



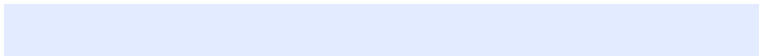
72.3964, 83.0866, 93.3456

Triad

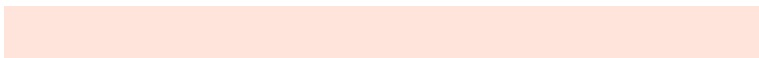
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7833, 83.0866, 83.4354



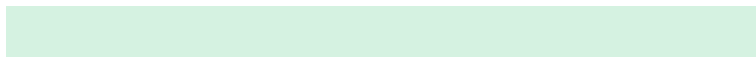
79.9701, 83.0866, 111.2619



84.4561, 83.0866, 78.8476

Complementary

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



72.7833, 83.0866, 83.4354



74.6981, 72.1810, 84.8620

Split Complementary

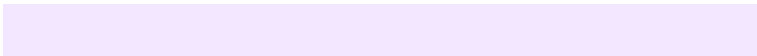
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9327, 83.0866, 87.6486



72.7833, 83.0866, 83.4354



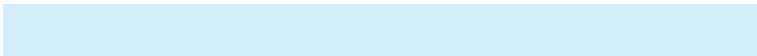
83.2923, 83.0866, 106.7104

Square

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



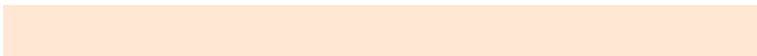
72.7833, 83.0866, 83.4354



76.4763, 83.0866, 109.9220



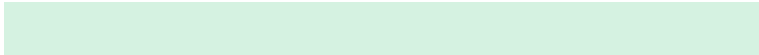
85.5005, 83.0866, 97.8833



81.5201, 83.0866, 73.4550

Rectangle

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



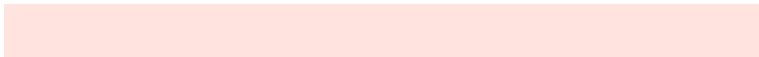
72.7833, 83.0866, 83.4354



73.1048, 83.0866, 100.0942



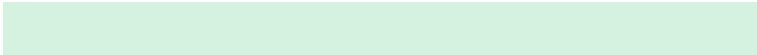
85.5005, 83.0866, 97.8833



85.1436, 83.0866, 81.4782

Sweetspot

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



72.7856, 83.0901, 83.4372



90.4485, 97.7373, 103.7371



76.5270, 85.2015, 75.3641



19.1799, 20.8314, 22.0002



0.0000, 0.0000, 0.0000



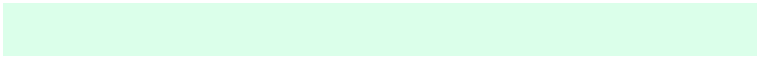
20.3446, 21.4041, 23.3091

Same Dimension

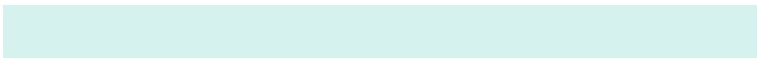
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7856, 83.0901, 83.4372



79.9252, 92.5712, 91.5507



74.7903, 83.8920, 93.9935



15.8371, 17.7649, 18.1651



18.3608, 34.6363, 12.5486



1.5758, 2.9008, 1.2986

Inverse Universe

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



74.6981, 72.1810, 84.8620



82.4121, 78.3846, 93.4029



72.7964, 71.4203, 74.8481



16.1615, 15.9143, 18.4068



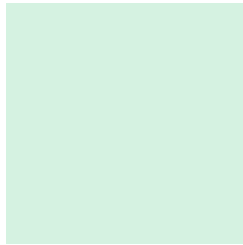
22.3589, 11.2160, 15.0726



1.9094, 0.9528, 1.5140

Previews

White Background



This preview shows how the XYZ color 72.7833, 83.0866, 83.4354 looks on a white background.

Color Contrast Check

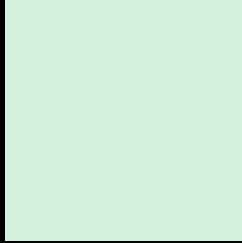
Large Text (above 18pt) WCAG AA × Fail

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 72.7833, 83.0866, 83.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

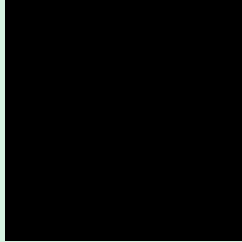
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

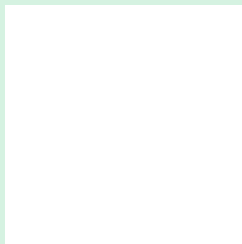
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7833, 83.0866, 83.4354

Background



This preview shows how black text looks on a background with the XYZ color 72.7833, 83.0866, 83.4354.



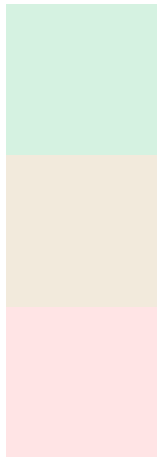
This preview shows how white text looks on a background with the XYZ color 72.7833, 83.0866,

83.4354.

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

72.7833, 83.0866, 83.4354

Protanopia

78.9590, 82.8902, 79.5480

Deuteranopia

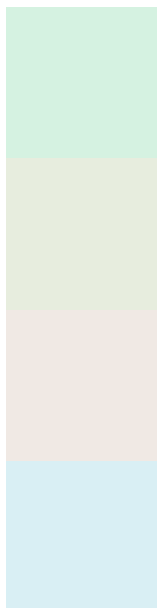
83.1263, 82.4039, 85.6531



Tritanopia

77.5476, 82.8484, 106.5119

Trichromacy



Original Color

72.7833, 83.0866, 83.4354

Protanomaly

76.4240, 82.8312, 81.0673

Deuteranomaly

79.0777, 82.4045, 85.1366

Tritanomaly

75.8109, 83.0164, 97.6161

Monochromacy



Original Color

72.7833, 83.0866, 83.4354

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.5917, 80.9211, 85.8167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7833, 83.0866, 83.4354 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(213, 242, 225)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 225)  
}
```

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(213, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.7833, 83.0866, 83.4354 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(213, 242, 225) }
```


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

```
.border{ border-color:rgb(213, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7833, 83.0866, 83.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 225) }
```

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

```
.background{ background-color: rgb(213,  
242, 225) }
```

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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