

Converting Colors

XYZ(76.1841, 85.0438, 87.9892)

Have a look what the booklet for
XYZ(76.1841, 85.0438, 87.9892)
contains.

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Color

**XYZ(76.2932, 85.2429,
88.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF3E7
RGB	221, 243, 231
RGB Percent	87%, 95%, 91%
CMY	0.1333, 0.0470, 0.0941
CMYK	0.09, 0.00, 0.05, 0.05
HSL	147°, 48%, 91%
HSV	147°, 9%, 95%
XYZ	76.2932, 85.2429, 88.0337
YIQ	235.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

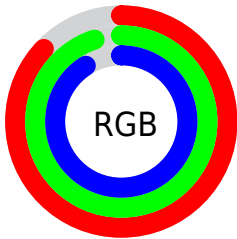
Format	Color
R _{YB}	221, 236, 243
Decimal	14545895
CIE Lab	93.99, -9.41, 3.31
CIE LCh	94, 9.973, 160.593
Yxy	85.2429, 0.3057, 0.3416
Android (android.graphics.Color)	4292735975 (0xFFDDDF3E7)
YUV	235.0540, -1.9986, -12.3254
Hunter-Lab	92.3271, -14.0714, 8.0961

Details

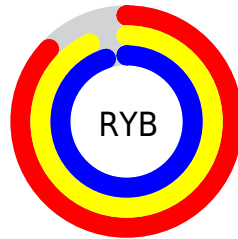
The XYZ color **76.2932, 85.2429, 88.0337** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.5297, 76.6530, 87.8042**, and the grayscale version is **79.0286, 83.1442, 90.5440**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2341, 46.7428, 47.4064** is the 20% darker color. If you saturate the color by 10%, you get **67.6215, 80.9831, 78.2221**, and if you desaturate by 10%, it is **86.1824, 90.1187, 98.6462**.

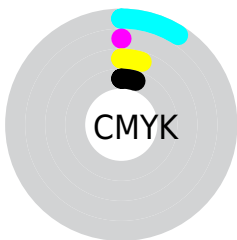
Distribution



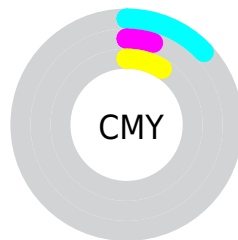
- Red (87%)
- Green (95%)
- Blue (91%)



- Red (87%)
- Yellow (93%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2932, 85.2429, 88.0337 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 76.2932, 85.2429, 88.0337 by changing the saturation by 10% instead.

76.2932, 85.2429,
88.0337

76.2932, 85.2429,
88.0337

471.2798,
512.4315, 542.0178

56.9709, 64.0421,
65.7865

127.1194,
140.7125, 146.5156

41.2219, 46.6848,
47.6437

159.3540,
175.7501, 183.5874

28.6809, 32.7865,
33.1868

196.6234,
216.1687, 226.4378

18.9827, 21.9630,
21.9973

239.2930,
262.3528, 275.4853

11.7617, 13.8297,
13.6566

287.7280,
314.6867, 331.1486

6.6527, 8.0023,
7.7462

342.2939,

3.2902, 4.0964,

373.5549, 393.8460

3.8476

403.3561,
439.3417, 463.9962

■ 1.3090, 1.7276,
1.5421

■ 0.1900, 0.4415,
0.2490

■ 76.2932, 85.2429,
88.0337

■ 76.2932, 85.2429,
88.0337

■ 67.6215, 80.9831,
78.2221

■ 86.1824, 90.1187,
98.6462

■ 60.1113, 77.3036,
69.1871

■ 91.3422, 92.5845,
107.6641

■ 53.7126, 74.1815,
60.9114

■ 48.3688, 71.5880,
53.3747

■ 44.0184, 69.4917,
46.5561

■ 40.5929, 67.8577,
40.4333

■ 38.0146, 66.6465,
34.9829

■ 36.1920, 65.8114,
30.1799

■ 34.9884, 65.2823,
25.9958

Harmonies

Analogous

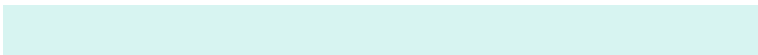
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7391, 85.2429, 82.1333



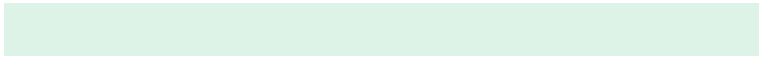
76.2932, 85.2429, 88.0337



76.0980, 85.2429, 95.5331

Triad

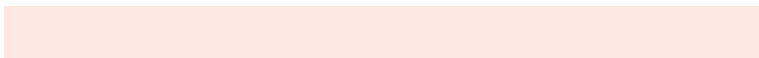
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2932, 85.2429, 88.0337



81.9644, 85.2429, 107.9662



84.9659, 85.2429, 83.6090

Complementary

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



76.2932, 85.2429, 88.0337



77.5297, 76.6530, 87.8042

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.



86.1515, 85.2429, 90.1490



76.2932, 85.2429, 88.0337



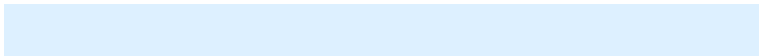
84.3936, 85.2429, 104.3849

Square

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



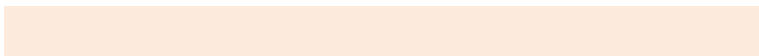
76.2932, 85.2429, 88.0337



79.3336, 85.2429, 107.3232



85.9398, 85.2429, 97.7664



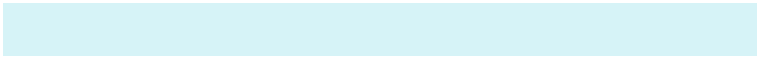
82.7317, 85.2429, 79.6770

Rectangle

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



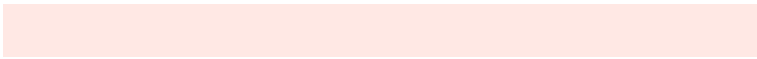
76.2932, 85.2429, 88.0337



76.6986, 85.2429, 100.4690



85.9398, 85.2429, 97.7664



85.5025, 85.2429, 85.5600

Sweetspot

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



76.2956, 85.2465, 88.0356



91.6266, 98.3120, 105.2705



78.7418, 86.6661, 80.9859



19.4206, 20.9485, 22.3275



0.0000, 0.0000, 0.0000



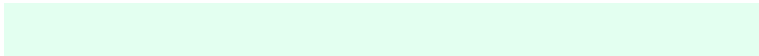
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2956, 85.2465, 88.0356



83.1061, 94.1161, 95.9890



77.8843, 85.8820, 96.4018



16.5954, 18.5973, 19.1535



19.2143, 35.8306, 14.4143



1.7399, 3.1696, 1.5362

Inverse Universe

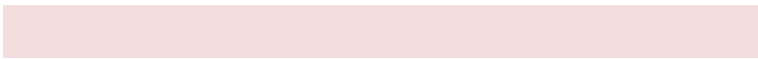
The Inverse Universe completely reimagines the original color for something new.



77.5297, 76.6530, 87.8042



84.7603, 82.5968, 95.6786



76.0194, 76.0489, 79.8511



16.8773, 16.6338, 19.1006



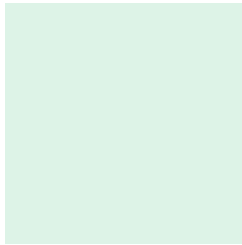
22.6622, 11.4083, 13.4615



2.0436, 1.0234, 1.4560

Previews

White Background



This preview shows how the XYZ color 76.2932, 85.2429, 88.0337 looks on a white background.

Color Contrast Check

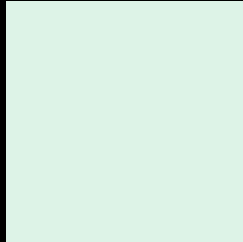
Large Text (above 18pt) WCAG AA × Fail

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 76.2932, 85.2429, 88.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

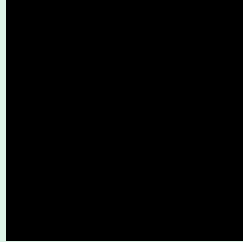
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

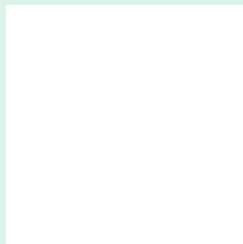
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2932, 85.2429, 88.0337

Background



This preview shows how black text looks on a background with the XYZ color 76.2932, 85.2429, 88.0337.



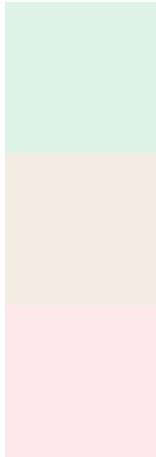
This preview shows how white text looks on a background with the XYZ color 76.2932, 85.2429,

88.0337.

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**

76.2932, 85.2429, 88.0337

Protanopia

81.1688, 84.7701, 84.7572

Deuteranopia

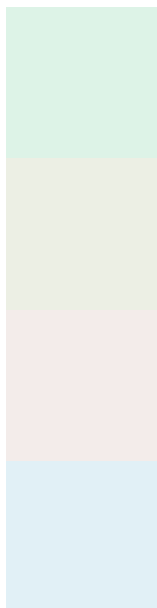
85.0920, 84.9714, 90.5135



Tritanopia

80.5951, 85.2839, 106.8214

Trichromacy



Original Color

76.2932, 85.2429, 88.0337

Protanomaly

79.4622, 85.1673, 85.6496

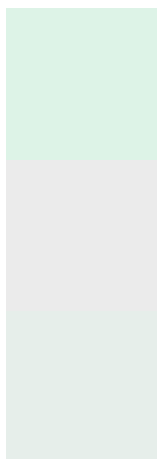
Deuteranomaly

81.8089, 84.9861, 89.9341

Tritanomaly

78.8460, 84.9815, 99.4362

Monochromacy



Original Color

76.2932, 85.2429, 88.0337

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0589, 83.9126, 89.9245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2932, 85.2429, 88.0337 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(221, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 243, 231)  
}
```

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(221, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 243, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.2932, 85.2429, 88.0337 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(221, 243, 231) }
```


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

```
.border{ border-color:rgb(221, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 243,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2932, 85.2429, 88.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 243, 231) }
```

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

```
.background{ background-color: rgb(221,  
243, 231) }
```

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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