

Converting Colors

XYZ(73.5170, 82.9233, 88.5068)

Have a look what the booklet for
XYZ(73.5170, 82.9233, 88.5068)
contains.

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Color

**XYZ(73.4614, 82.8829,
88.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F1E8
RGB	213, 241, 232
RGB Percent	84%, 95%, 91%
CMY	0.1647, 0.0549, 0.0902
CMYK	0.12, 0.00, 0.04, 0.05
HSL	161°, 50%, 89%
HSV	161°, 12%, 95%
XYZ	73.4614, 82.8829, 88.4701
YIQ	231.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

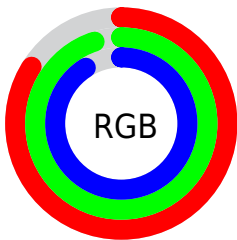
Format	Color
R _{YB}	213, 230, 241
Decimal	14021096
CIE Lab	92.96, -10.81, 1.24
CIE LCh	93, 10.883, 173.457
Yxy	82.8829, 0.3001, 0.3386
Android (android.graphics.Color)	4292211176 (0xFFD5F1E8)
YUV	231.6020, 0.1962, -16.3140
Hunter-Lab	91.0400, -15.2861, 6.1117

Details

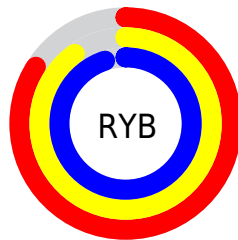
The XYZ color **73.4614, 82.8829, 88.4701** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2577, 71.5655, 79.0636**, and the grayscale version is **76.4122, 80.3916, 87.5465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2860, 45.1016, 47.7092** is the 20% darker color. If you saturate the color by 10%, you get **65.9076, 79.1154, 82.4982**, and if you desaturate by 10%, it is **82.1073, 87.2123, 94.7500**.

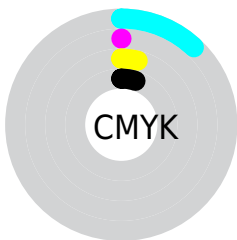
Distribution



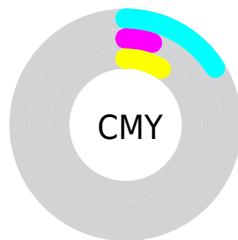
- Red (84%)
- Green (95%)
- Blue (91%)



- Red (84%)
- Yellow (90%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)





- Cyan (16%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4614, 82.8829, 88.4701 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 73.4614, 82.8829, 88.4701 by changing the saturation by 10% instead.


 73.4614, 82.8829,
88.4701

 73.4614, 82.8829,
88.4701


461.6915,
504.5962, 543.4826

 54.6430, 62.0936,
66.1459


123.1316,
137.4114, 147.1283

 39.3487, 45.1083,
47.9336

154.7142,
171.9194, 184.2995

 27.2131, 31.5427,
33.4147


191.2822,
211.7691, 227.2567

 17.8707, 21.0125,
22.1706

233.2010,
257.3448, 276.4185

 10.9563, 13.1331,
13.7828

280.8360,
309.0310, 332.2035

 6.1046, 7.5203,
7.8327

334.5525,

 2.9500, 3.7896,

367.2120, 395.0301

3.9019

394.7159,
432.2723, 465.3170

■ 1.1274, 1.5566,
1.5717

■ 0.0478, 0.3280,
0.2705

■ 73.4614, 82.8829,
88.4701

■ 73.4614, 82.8829,
88.4701

■ 65.9076, 79.1154,
82.4982

■ 82.1073, 87.2123,
94.7500

■ 59.3925, 75.8757,
76.8233

■ 89.5625, 90.9199,
101.2289

■ 53.8689, 73.1415,
71.4416

■ 90.7468, 91.3936,
107.4656

■ 49.2827, 70.8853,
66.3474

■ 45.5750, 69.0766,
61.5343

■ 42.6795, 67.6813,
56.9958

■ 40.5203, 66.6605,
52.7248

■ 39.0062, 65.9672,
48.7133

■ 38.1142, 65.5766,
45.5429

Harmonies

Analogous

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



74.4594, 82.8829, 81.2254



73.4614, 82.8829, 88.4701



73.8601, 82.8829, 96.6336

Triad

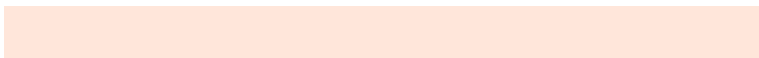
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4614, 82.8829, 88.4701



80.9778, 82.8829, 105.4110



82.0836, 82.8829, 78.2223

Complementary

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



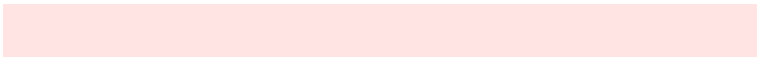
73.4614, 82.8829, 88.4701



73.2577, 71.5655, 79.0636

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.



83.9089, 82.8829, 84.1452



73.4614, 82.8829, 88.4701



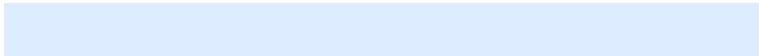
83.2598, 82.8829, 99.9096

Square

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



73.4614, 82.8829, 88.4701



78.1554, 82.8829, 106.7408



84.3445, 82.8829, 92.0443



79.4033, 82.8829, 75.5435

Rectangle

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



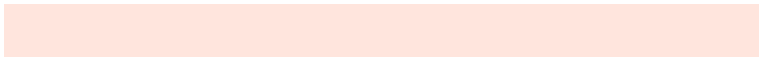
73.4614, 82.8829, 88.4701



74.8690, 82.8829, 101.4683



84.3445, 82.8829, 92.0443



82.8201, 82.8829, 79.8821

Sweetspot

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



73.4637, 82.8864, 88.4719



91.8978, 98.4204, 106.6986



73.6947, 83.3006, 75.1467



19.4938, 20.9778, 22.7131



0.0000, 0.0000, 0.0000



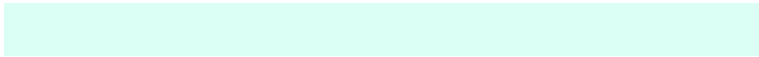
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4637, 82.8864, 88.4719



81.3204, 93.1293, 98.8975



73.4120, 80.6834, 94.9273



16.0186, 17.8375, 19.1207



20.7317, 35.5847, 25.0341



1.7699, 2.9784, 2.3207

Inverse Universe

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



73.2577, 71.5655, 79.0636



81.0423, 77.8367, 86.1897



73.2736, 73.4773, 73.2728



15.9822, 15.8426, 17.4627



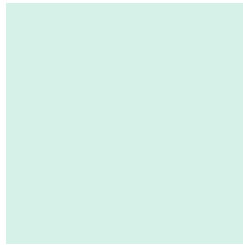
20.4617, 10.4571, 5.0818



1.7460, 0.8874, 0.6531

Previews

White Background



This preview shows how the XYZ color 73.4614, 82.8829, 88.4701 looks on a white background.

Color Contrast Check

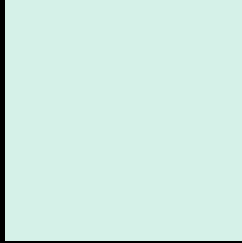
Large Text (above 18pt) WCAG AA × Fail

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 73.4614, 82.8829, 88.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

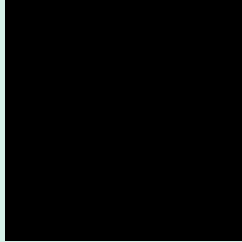
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

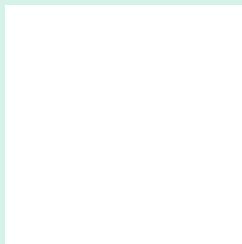
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4614, 82.8829, 88.4701

Background



This preview shows how black text looks on a background with the XYZ color 73.4614, 82.8829, 88.4701.



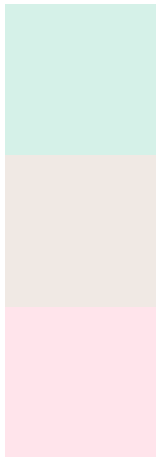
This preview shows how white text looks on a background with the XYZ color 73.4614, 82.8829,

88.4701.

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

73.4614, 82.8829, 88.4701

Protanopia

79.0777, 82.4045, 85.1366

Deuteranopia

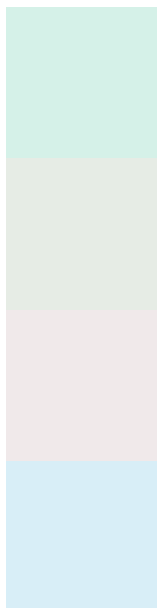
83.9788, 82.7450, 90.1425



Tritanopia

77.2476, 82.6938, 106.4979

Trichromacy



Original Color

73.4614, 82.8829, 88.4701

Protanomaly

76.7714, 82.4710, 86.0010

Deuteranomaly

79.9254, 82.7436, 89.6005

Tritanomaly

75.6819, 82.4634, 99.9239

Monochromacy



Original Color

73.4614, 82.8829, 88.4701

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.3252, 81.2504, 88.0568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4614, 82.8829, 88.4701 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, 241, 232)` looks like.

```
.text, #text, p{  
    color:rgb(213, 241, 232)  
}
```

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, 241, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 241, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.4614, 82.8829, 88.4701 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, 241, 232) }
```


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

```
.border{ border-color:rgb(213, 241, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 241, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 241, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 241, 232); box-shadow:4px 4px 4px 4px rgb(213, 241, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4614, 82.8829, 88.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 241, 232) }
```

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

```
.background{ background-color: rgb(213,  
241, 232) }
```

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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