

Converting Colors

XYZ(73.3148, 88.3101, 66.5932)

Have a look what the booklet for
XYZ(73.3148, 88.3101, 66.5932)
contains.

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Color

**XYZ(73.3223, 88.2970,
66.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FCC6
RGB	216, 252, 198
RGB Percent	85%, 99%, 78%
CMY	0.1529, 0.0117, 0.2235
CMYK	0.14, 0.00, 0.21, 0.01
HSL	100°, 90%, 88%
HSV	100°, 21%, 99%
XYZ	73.3223, 88.2970, 66.6046
YIQ	235.0800, -4.1220, -24.4260

Conversions

Conversions Part 2

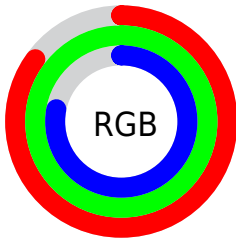
Format	Color
RYB	198, 252, 234
Decimal	14220486
CIELab	95.29, -21.11, 22.10
CIElCh	95, 30.561, 133.698
Yxy	88.2970, 0.3213, 0.3869
Android (android.graphics.Color)	4292410566 (0xFFD8FCC6)
YUV	235.0800, -18.2804, -16.7332
Hunter-Lab	93.9665, -25.1573, 23.7511

Details

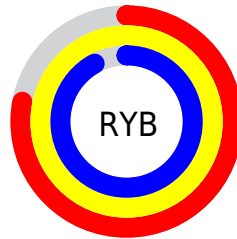
The XYZ color **73.3223, 88.2970, 66.6046** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.7002, 64.9114, 100.8504**, and the grayscale version is **79.1656, 83.2884, 90.7011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2471, 48.6209, 33.7018** is the 20% darker color. If you saturate the color by 10%, you get **65.9419, 84.8033, 52.3277**, and if you desaturate by 10%, it is **81.6986, 92.2535, 83.4562**.

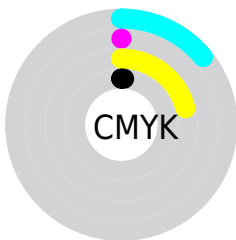
Distribution



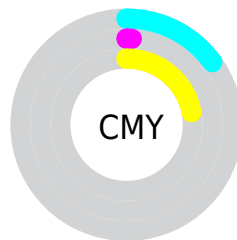
- Red (85%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)





- Cyan (15%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3223, 88.2970, 66.6046 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 73.3223, 88.2970, 66.6046 by changing the saturation by 10% instead.

 73.3223, 88.2970,
66.6046

 73.3223, 88.2970,
66.6046


461.2176,
522.4754, 466.9992

 54.5289, 66.5691,
48.3038


122.9353,
144.9706, 115.9889

 39.2570, 48.7345,
33.7058


154.4856,
180.6850, 147.9095

 27.1413, 34.4089,
22.3922


191.0189,
221.8304, 185.2071

 17.8165, 23.2079,
13.9443

232.9005,
268.7911, 228.3003

 10.9172, 14.7471,
7.9436

280.4958,
321.9516, 277.6075

 6.0781, 8.6421,
3.9716

334.1702,

 2.9337, 4.5085,

381.6962, 333.5474

1.6098

394.2890,
448.4093, 396.5384

■ 1.1188, 1.9619,
0.2978

■ 0.0408, 0.5852,
0.0000

■ 73.3223, 88.2970,
66.6046

■ 73.3223, 88.2970,
66.6046

■ 65.9419, 84.8033,
52.3277

■ 81.6986, 92.2535,
83.4562

■ 59.5114, 81.7435,
40.4932

■ 91.1007, 96.6777,
102.9945

■ 53.9912, 79.1029,
30.9655

■ 94.1022, 98.1045,
108.5841

■ 49.3361, 76.8615,
23.5936

■ 45.4965, 74.9973,
18.2088

■ 42.4166, 73.4859,
14.6167

■ 40.0323, 72.2992,
12.5841

■ 38.4674, 71.5088,
11.7751

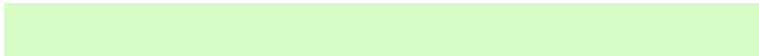
Harmonies

Analogous

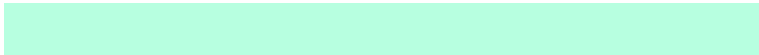
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1821, 88.2970, 58.0581



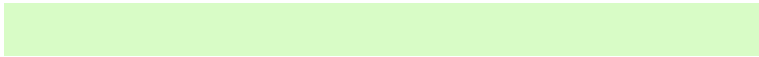
73.3223, 88.2970, 66.6046



69.4500, 88.2970, 83.8133

Triad

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



73.3223, 88.2970, 66.6046



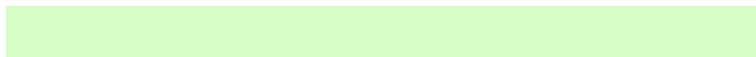
79.5011, 88.2970, 147.3175



100.4928, 88.2970, 85.6666

Complementary

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



73.3223, 88.2970, 66.6046



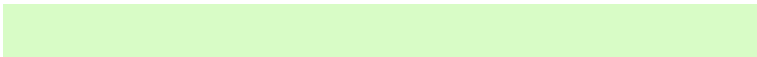
71.7002, 64.9114, 100.8504

Split Complementary

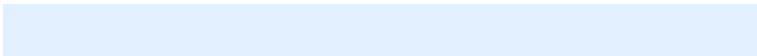
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.2802, 88.2970, 109.6206



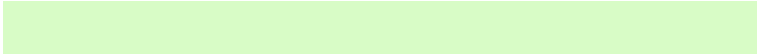
73.3223, 88.2970, 66.6046



87.7799, 88.2970, 148.0366

Square

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



73.3223, 88.2970, 66.6046



72.8523, 88.2970, 131.4989



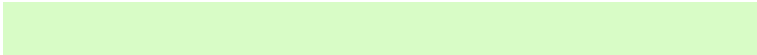
95.5006, 88.2970, 133.3259



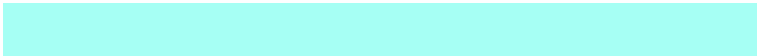
96.0634, 88.2970, 67.7668

Rectangle

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



73.3223, 88.2970, 66.6046



68.9124, 88.2970, 99.1342



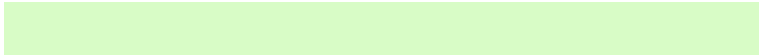
95.5006, 88.2970, 133.3259



100.9704, 88.2970, 93.2075

Sweetspot

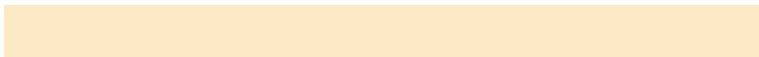
The Sweet Spot groups the original color and five complimentary colors.



73.3246, 88.3008, 66.6065



89.0298, 97.1698, 96.2679



79.7644, 83.6221, 65.3640



18.9208, 20.7347, 20.3242



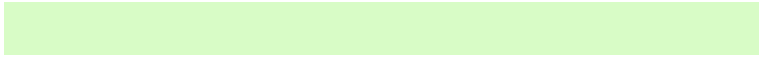
0.0000, 0.0000, 0.0000



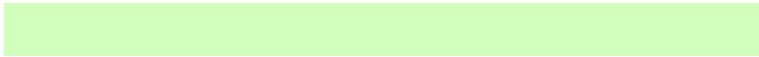
20.3446, 21.4041, 23.3091

Same Dimension

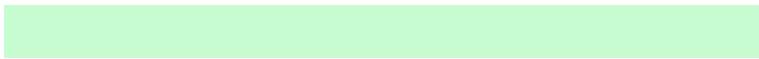
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3246, 88.3008, 66.6065



71.7185, 89.0000, 61.3723



69.3643, 86.1356, 72.0032



17.5624, 19.5902, 18.3180



20.1761, 37.3194, 6.1400



1.9761, 3.5118, 0.5737

Inverse Universe

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



71.7002, 64.9114, 100.8504



69.7558, 60.7936, 102.6656



76.5200, 67.5571, 93.8049



17.3981, 17.2179, 21.7917



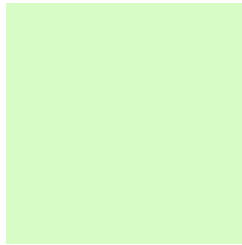
17.7289, 8.0822, 48.5992



1.7543, 0.8065, 4.5064

Previews

White Background



This preview shows how the XYZ color 73.3223, 88.2970, 66.6046 looks on a white background.

Color Contrast Check

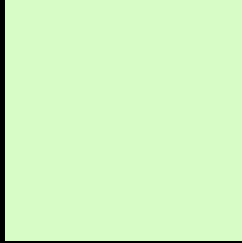
Large Text (above 18pt) WCAG AA × Fail

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 73.3223, 88.2970, 66.6046 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

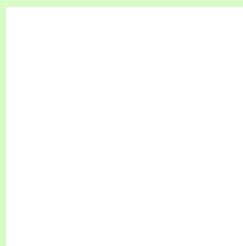
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3223, 88.2970, 66.6046

Background



This preview shows how black text looks on a background with the XYZ color 73.3223, 88.2970, 66.6046.

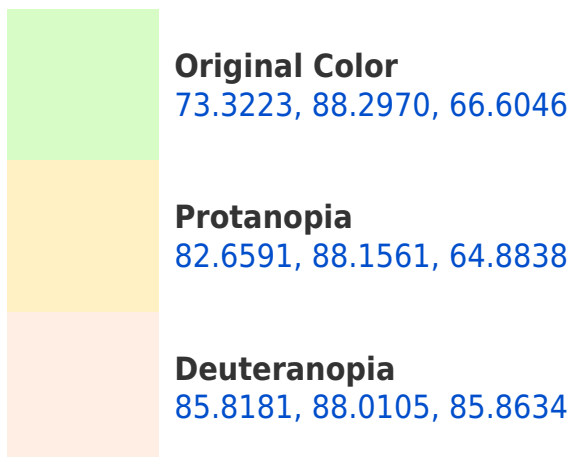


This preview shows how white text looks on a background with the XYZ color 73.3223, 88.2970,

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





Tritanopia

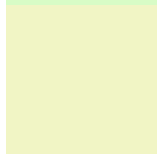
83.0808, 87.8801, 107.1915

Trichromacy



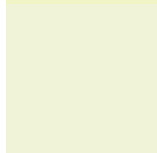
Original Color

73.3223, 88.2970, 66.6046



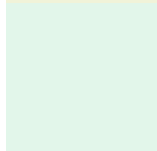
Protanomaly

79.0061, 88.0368, 65.6521



Deuteranomaly

80.8506, 87.8117, 78.3337



Tritanomaly

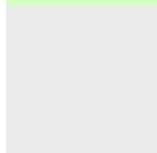
79.1711, 88.0208, 90.6589

Monochromacy



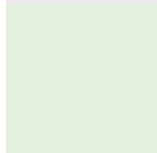
Original Color

73.3223, 88.2970, 66.6046



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.6350, 84.6785, 81.4127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3223, 88.2970, 66.6046 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(216, 252, 198)` looks like.

```
.text, #text, p{  
    color:rgb(216, 252, 198)  
}
```

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(216, 252, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 252, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.3223, 88.2970, 66.6046 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(216, 252, 198) }
```


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

```
.border{ border-color:rgb(216, 252, 198) }
```

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

Here you see how a box with a 4 pixel rgb(216, 252, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 252, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 252, 198);  
box-shadow:4px 4px 4px 4px rgb(216, 252,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3223, 88.2970, 66.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 252, 198) }
```

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

```
.background{ background-color: rgb(216,  
252, 198) }
```

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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