

# Converting Colors

XYZ(73.9171, 83.5882, 92.3692)

Have a look what the booklet for  
XYZ(73.9171, 83.5882, 92.3692)  
contains.

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# Color

**XYZ(73.9022, 83.4676,  
92.3366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3F2ED
RGB	211, 242, 237
RGB Percent	83%, 95%, 93%
CMY	0.1725, 0.0510, 0.0706
CMYK	0.13, 0.00, 0.02, 0.05
HSL	170°, 54%, 89%
HSV	170°, 13%, 95%
XYZ	73.9022, 83.4676, 92.3366
YIQ	232.1610, -16.8710, -8.1270

# Conversions

## Conversions Part 2

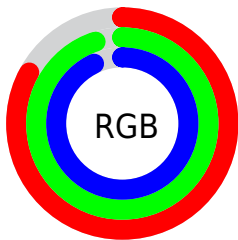
Format	Color
R <sub>YB</sub>	211, 228, 242
Decimal	13890285
CIE Lab	93.22, -11.00, -1.00
CIE LCh	93, 11.043, 185.192
Yxy	83.4676, 0.2960, 0.3343
Android (android.graphics.Color)	4292080365 (0xFFD3F2ED)
YUV	232.1610, 2.3856, -18.5582
Hunter-Lab	91.3606, -15.4912, 4.0290

# Details

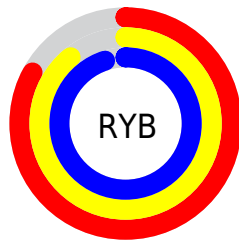
The XYZ color **73.9022, 83.4676, 92.3366** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.3099, 70.4259, 74.7520**, and the grayscale version is **76.8160, 80.8164, 88.0091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6097, 45.5219, 50.4150** is the 20% darker color. If you saturate the color by 10%, you get **66.9204, 79.9358, 89.0649**, and if you desaturate by 10%, it is **81.9449, 87.5494, 95.7263**.

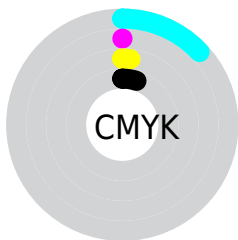
# Distribution



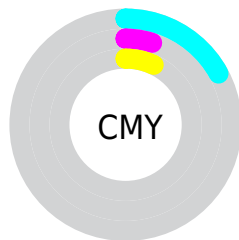
- Red (83%)
- Green (95%)
- Blue (93%)



- Red (83%)
- Yellow (89%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9022, 83.4676, 92.3366 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 73.9022, 83.4676, 92.3366 by changing the saturation by 10% instead.



73.9022, 83.4676,  
92.3366

73.9022, 83.4676,  
92.3366

463.1913,  
506.5436, 556.3678

55.0050, 62.5760,  
69.3356

123.7534,  
138.2302, 152.5436

39.6396, 45.4983,  
50.5117

155.4381,  
172.8699, 190.5867

27.4406, 31.8501,  
35.4461

192.1160,  
212.8612, 234.4809

18.0427, 21.2470,  
23.7204

234.1525,  
258.5883, 284.6448

11.0805, 13.3047,  
14.9161

281.9129,  
310.4357, 341.4969

6.1887, 7.6387,  
8.6145

335.7626,

3.0019, 3.8646,

368.7878, 405.4557

4.3973

396.0670,  
434.0290, 476.9398

■ 1.1548, 1.5981,  
1.8457

■ 0.0702, 0.3563,  
0.4579

■ 73.9022, 83.4676,  
92.3366

■ 73.9022, 83.4676,  
92.3366

■ 66.9204, 79.9358,  
89.0649

■ 81.9449, 87.5494,  
95.7263

■ 60.9459, 76.9196,  
85.9031

■ 89.4466, 91.3485,  
99.1543

■ 55.9308, 74.3967,  
82.8502

■ 90.0487, 91.5894,  
102.3250

■ 51.8209, 72.3389,  
79.9034

■ 90.6635, 91.8353,  
105.5625

■ 48.5562, 70.7154,  
77.0594

■ 91.0437, 91.9874,  
107.5646

■ 46.0694, 69.4916,  
74.3146

■ 44.2830, 68.6275,  
71.6650

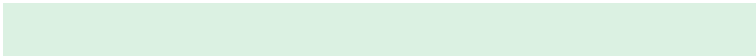
■ 43.1031, 68.0747,  
69.1057

■ 42.5271, 67.8167,  
67.3166

# Harmonies

## Analogous

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



74.3728, 83.4676, 84.3369



73.9022, 83.4676, 92.3366



74.8577, 83.4676, 100.4119

# Triad

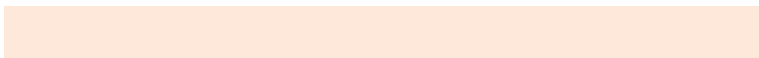
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9022, 83.4676, 92.3366



82.5947, 83.4676, 104.5853



81.6991, 83.4676, 77.1271

# Complementary

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



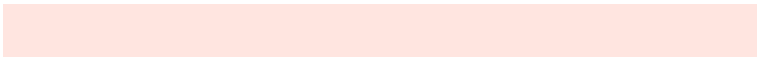
73.9022, 83.4676, 92.3366



72.3099, 70.4259, 74.7520

# 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.



83.9841, 83.4676, 81.9750



73.9022, 83.4676, 92.3366



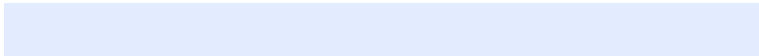
84.5099, 83.4676, 97.7573

# Square

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



73.9022, 83.4676, 92.3366



79.8397, 83.4676, 107.7540



85.0245, 83.4676, 89.4428



78.8293, 83.4676, 75.8701

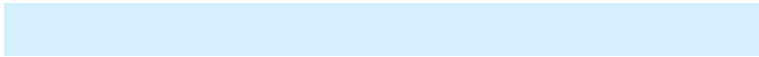


# Rectangle

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



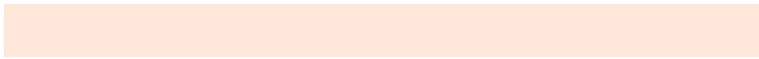
73.9022, 83.4676, 92.3366



76.1890, 83.4676, 104.6527



85.0245, 83.4676, 89.4428



82.5633, 83.4676, 78.3757

# Sweetspot

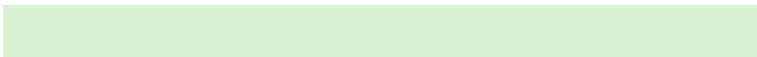
The Sweet Spot groups the original color and five complimentary colors.



73.9046, 83.4711, 92.3385



91.1325, 98.0109, 107.3391



71.8808, 82.8354, 73.8297



19.3532, 20.9008, 22.9127



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.



73.9046, 83.4711, 92.3385



81.3729, 93.0622, 103.1551



71.6564, 77.7884, 95.2465



16.1314, 17.8826, 19.7148



22.8877, 36.4471, 36.3873



1.9330, 3.0437, 3.1798



# Inverse Universe

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



72.3099, 70.4259, 74.7520



79.2974, 76.0805, 80.2632



74.3233, 75.4722, 72.2798



15.8768, 15.8004, 16.9076



19.9011, 10.2329, 2.1299

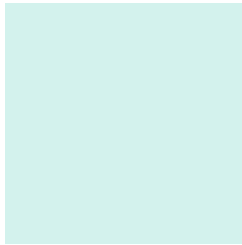


1.6861, 0.8635, 0.3378



# Previews

## White Background



This preview shows how the XYZ color 73.9022, 83.4676, 92.3366 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

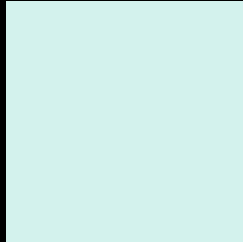
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.9022, 83.4676, 92.3366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

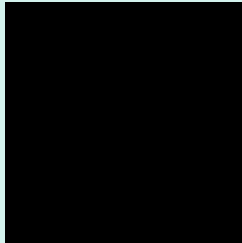
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

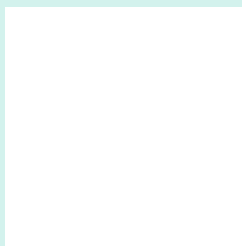
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.9022, 83.4676, 92.3366**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.9022, 83.4676, 92.3366.



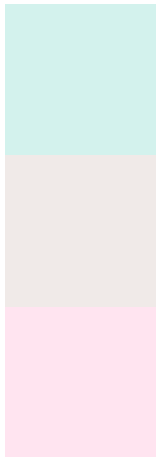
This preview shows how white text looks on a background with the XYZ color 73.9022, 83.4676,

92.3366.

# 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

73.9022, 83.4676, 92.3366

### Protanopia

79.9235, 83.1971, 88.1902

### Deuteranopia

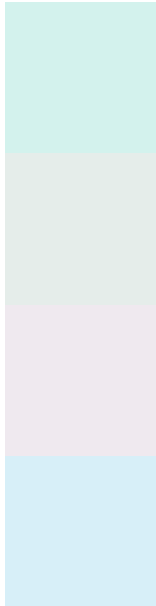
84.7116, 83.0381, 94.0012



## Tritanopia

77.5380, 83.2745, 106.5946

# Trichromacy



## Original Color

73.9022, 83.4676, 92.3366

## Protanomaly

77.4486, 83.1669, 89.8127

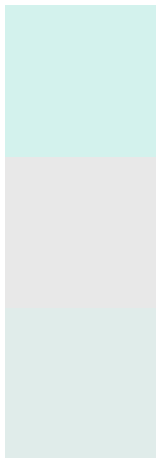
## Deuteranomaly

80.3155, 82.8605, 93.4220

## Tritanomaly

75.8341, 82.9574, 100.8224

# Monochromacy



## Original Color

73.9022, 83.4676, 92.3366

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

75.5872, 81.7787, 89.6429

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.9022, 83.4676, 92.3366 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(211, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(211, 242, 237)  
}
```

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(211, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 242, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 73.9022, 83.4676, 92.3366 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(211, 242, 237) }
```



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

```
.border{ border-color:rgb(211, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(211, 242,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.9022, 83.4676, 92.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 242, 237) }
```

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

```
.background{ background-color: rgb(211,  
242, 237) }
```

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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