

Converting Colors

XYZ(73.6253, 82.9670, 93.7290)

Have a look what the booklet for
XYZ(73.6253, 82.9670, 93.7290)
contains.

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Color

**XYZ(73.6136, 82.8442,
93.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F1EF
RGB	210, 241, 239
RGB Percent	82%, 95%, 94%
CMY	0.1765, 0.0549, 0.0627
CMYK	0.13, 0.00, 0.01, 0.05
HSL	176°, 53%, 88%
HSV	176°, 13%, 95%
XYZ	73.6136, 82.8442, 93.7720
YIQ	231.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

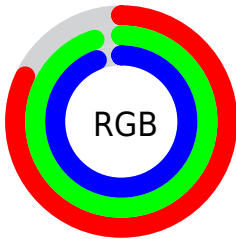
Format	Color
R_{YB}	210, 226, 241
Decimal	13824495
CIE _{Lab}	92.95, -10.42, -2.45
CIE _{LCh}	93, 10.705, 193.203
Y _{xy}	82.8442, 0.2942, 0.3311
Android (android.graphics.Color)	4292014575 (0xFFD2F1EF)
YUV	231.5030, 3.6960, -18.8581
Hunter-Lab	91.0188, -14.9168, 2.6297

Details

The XYZ color **73.6136, 82.8442, 93.7720** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2088, 69.5496, 71.9623**, and the grayscale version is **76.3152, 80.2895, 87.4353**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4138, 45.0854, 51.4248** is the 20% darker color. If you saturate the color by 10%, you get **67.0337, 79.4808, 92.2698**, and if you desaturate by 10%, it is **81.2336, 86.7480, 95.3367**.

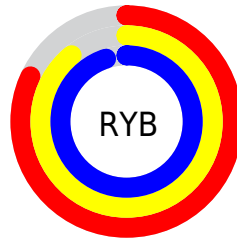
Distribution



Red (82%)

Green (95%)

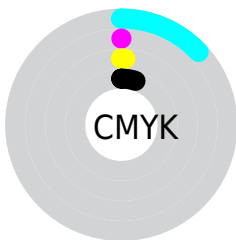
Blue (94%)



Red (82%)

Yellow (89%)

Blue (95%)

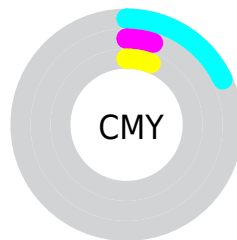


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (18%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6136, 82.8442, 93.7720 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 73.6136, 82.8442, 93.7720 by changing the saturation by 10% instead.

73.6136, 82.8442,
93.7720

73.6136, 82.8442,
93.7720

462.2096,
504.4671, 561.1098

54.7680, 62.0616,
70.5221

123.3464,
137.3572, 154.5479

39.4491, 45.0825,
51.4729

154.9642,
171.8565, 192.9110

27.2916, 31.5224,
36.2057

191.5702,
211.6967, 237.1490

17.9301, 20.9970,
24.3022

233.5297,
257.2624, 287.6802

10.9992, 13.1218,
15.3437

281.2080,
308.9379, 344.9234

6.1336, 7.5125,
8.9116

334.9706,

2.9679, 3.7846,

367.1076, 409.2970

4.5876

395.1826,
432.1559, 481.2196

■ 1.1368, 1.5538,
1.9529

■ 0.0556, 0.3262,
0.5261

■ 73.6136, 82.8442,
93.7720

■ 73.6136, 82.8442,
93.7720

■ 67.0337, 79.4808,
92.2698

■ 81.2336, 86.7480,
95.3367

■ 61.4406, 76.6237,
90.8223

■ 88.7413, 90.5914,
96.9049

■ 56.7872, 74.2509,
89.4291

■ 88.9765, 90.6855,
98.1431

■ 53.0197, 72.3344,
88.0876

■ 89.2136, 90.7803,
99.3918

50.0789, 70.8439,
86.7951

89.4527, 90.8760,
100.6510

47.8981, 69.7450,
85.5484

89.6939, 90.9724,
101.9208

46.4007, 68.9982,
84.3438

89.9370, 91.0697,
103.2012

45.4936, 68.5554,
83.1770

90.1822, 91.1678,
104.4923

45.1063, 68.3734,
82.3628

90.4294, 91.2666,
105.7940

Harmonies

Analogous

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



73.6972, 82.8442, 85.8195



73.6136, 82.8442, 93.7720



74.8804, 82.8442, 101.1788

Triad

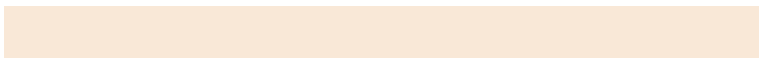
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6136, 82.8442, 93.7720



82.4854, 82.8442, 101.9188



80.3074, 82.8442, 76.2294

Complementary

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



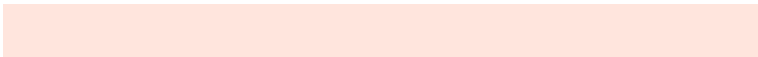
73.6136, 82.8442, 93.7720



71.2088, 69.5496, 71.9623

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.



82.7319, 82.8442, 80.0516



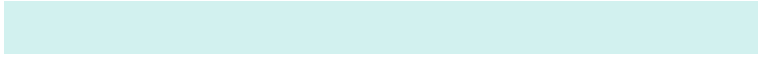
73.6136, 82.8442, 93.7720



84.0097, 82.8442, 94.7338

Square

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



73.6136, 82.8442, 93.7720



79.9774, 82.8442, 106.0669



84.1010, 82.8442, 86.7262



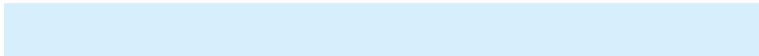
77.5173, 82.8442, 76.0059

Rectangle

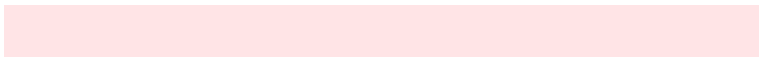
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



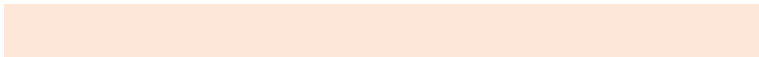
73.6136, 82.8442, 93.7720



76.3380, 82.8442, 104.6820



84.1010, 82.8442, 86.7262



81.1937, 82.8442, 77.1252

Sweetspot

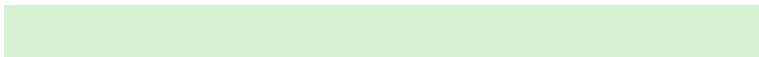
The Sweet Spot groups the original color and five complimentary colors.



73.6160, 82.8477, 93.7738



91.2905, 98.0741, 108.1711



70.2612, 81.5742, 73.0164



19.3933, 20.9168, 23.1240



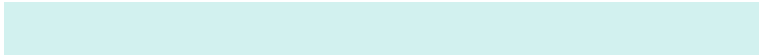
0.0000, 0.0000, 0.0000



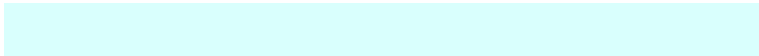
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6160, 82.8477, 93.7738



81.9555, 93.2952, 106.2232



70.0823, 75.3039, 94.0645



16.2007, 17.9103, 20.0797



24.4785, 37.0834, 44.7643



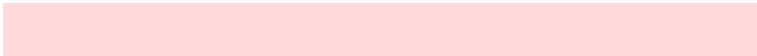
2.0496, 3.0903, 3.7936

Inverse Universe

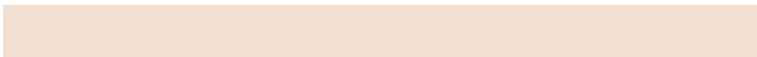
The Inverse Universe completely reimagines the original color for something new.



71.2088, 69.5496, 71.9623



78.8039, 75.8831, 77.6645



74.4150, 76.3640, 71.7918



15.8142, 15.7754, 16.5779



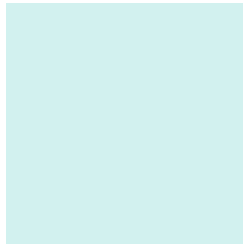
19.7370, 10.1672, 1.2657



1.6563, 0.8516, 0.1812

Previews

White Background



This preview shows how the XYZ color 73.6136, 82.8442, 93.7720 looks on a white background.

Color Contrast Check

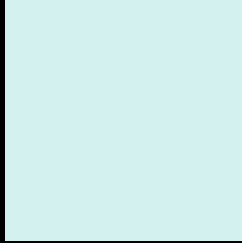
Large Text (above 18pt) WCAG AA × Fail

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 73.6136, 82.8442, 93.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

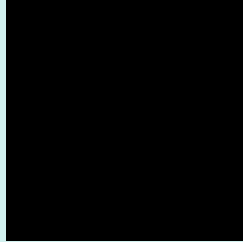
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6136, 82.8442, 93.7720

Background



This preview shows how black text looks on a background with the XYZ color 73.6136, 82.8442, 93.7720.



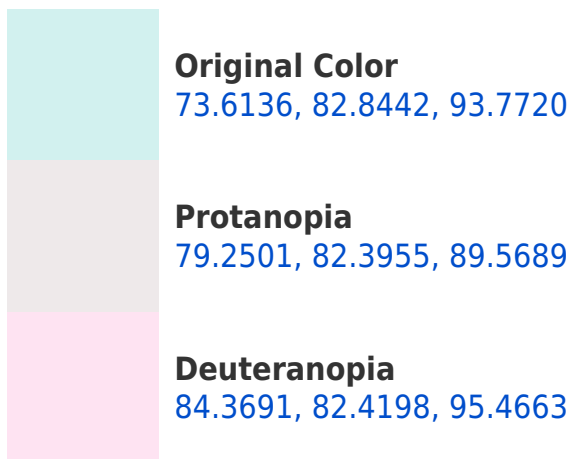
This preview shows how white text looks on a background with the XYZ color 73.6136, 82.8442,

93.7720.

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

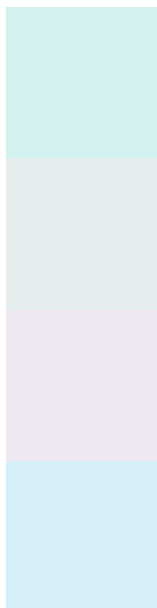




Tritanopia

76.6489, 82.8161, 106.5530

Trichromacy



Original Color

73.6136, 82.8442, 93.7720

Protanomaly

77.1307, 82.5410, 91.2237

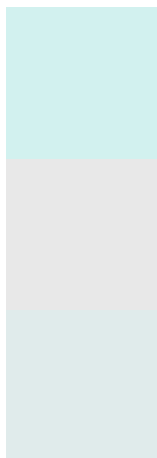
Deuteranomaly

79.9937, 82.2412, 94.8771

Tritanomaly

75.4060, 82.7187, 101.6145

Monochromacy



Original Color

73.6136, 82.8442, 93.7720

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.4442, 81.2621, 90.3061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6136, 82.8442, 93.7720 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(210, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(210, 241, 239)  
}
```

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(210, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 241, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.6136, 82.8442, 93.7720 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(210, 241, 239) }
```


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

```
.border{ border-color:rgb(210, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(210, 241,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6136, 82.8442, 93.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 241, 239) }
```

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

```
.background{ background-color: rgb(210,  
241, 239) }
```

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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