

Converting Colors

XYZ(73.3275, 80.7044, 93.7033)

Have a look what the booklet for
XYZ(73.3275, 80.7044, 93.7033)
contains.

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Color

**XYZ(73.0160, 80.3690,
93.3258)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ECEF
RGB	213, 236, 239
RGB Percent	84%, 93%, 94%
CMY	0.1647, 0.0745, 0.0627
CMYK	0.11, 0.01, 0.00, 0.06
HSL	187°, 45%, 89%
HSV	187°, 11%, 94%
XYZ	73.0160, 80.3690, 93.3258
YIQ	229.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

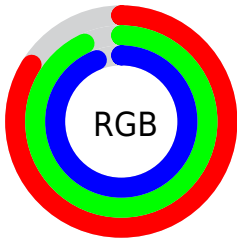
Format	Color
R _{YB}	213, 225, 239
Decimal	14019823
CIE _{Lab}	91.85, -6.94, -4.03
CIE _{LCh}	92, 8.030, 210.145
Yxy	80.3690, 0.2960, 0.3258
Android (android.graphics.Color)	4292209903 (0xFFD5ECEF)
YUV	229.4650, 4.7008, -14.4398
Hunter-Lab	89.6488, -11.5029, 1.0323

Details

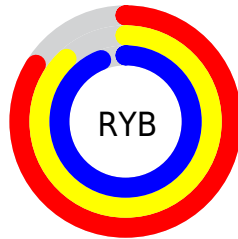
The XYZ color **73.0160, 80.3690, 93.3258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1632, 72.2663, 73.0975**, and the grayscale version is **74.7947, 78.6899, 85.6933**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9691, 43.3305, 51.1095** is the 20% darker color. If you saturate the color by 10%, you get **65.8017, 75.4837, 92.7643**, and if you desaturate by 10%, it is **81.2688, 85.8122, 93.9427**.

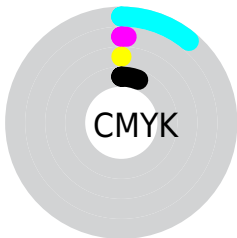
Distribution



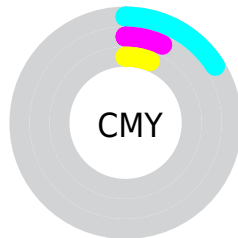
- Red (84%)
- Green (93%)
- Blue (94%)



- Red (84%)
- Yellow (88%)
- Blue (94%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0160, 80.3690, 93.3258 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 73.0160, 80.3690, 93.3258 by changing the saturation by 10% instead.

73.0160, 80.3690,
93.3258

73.0160, 80.3690,
93.3258

460.1732,
496.1755, 559.6380

54.2775, 60.0220,
70.1532

122.5029,
133.8844, 153.9252

39.0551, 43.4364,
51.1738

153.9820,
167.8216, 192.1890

26.9835, 30.2277,
35.9693

190.4387,
207.0578, 236.3204

17.6974, 20.0115,
24.1210

232.2383,
251.9772, 286.7377

10.8313, 12.4034,
15.2103

279.7462,
302.9643, 343.8596

6.0200, 7.0190,
8.8189

333.3278,

2.8980, 3.4740,

360.4034, 408.1046

4.5280

393.3483,
424.6790, 479.8912

■ 1.1001, 1.3839,
1.9193

■ 0.0252, 0.2048,
0.5050

■ 73.0160, 80.3690,
93.3258

■ 73.0160, 80.3690,
93.3258

■ 65.8017, 75.4837,
92.7643

■ 81.2688, 85.8122,
93.9427

■ 59.5743, 71.1231,
92.2509

■ 88.4280, 90.7076,
94.5103

■ 54.2884, 67.2658,
91.7849

■ 89.2519, 92.3554,
94.7849

■ 49.8920, 63.8850,
91.3641

■ 90.0882, 94.0280,
95.0637

■ 46.3283, 60.9514,
90.9857

■ 90.9369, 95.7255,
95.3466

■ 43.5336, 58.4319,
90.6467

■ 91.7982, 97.4480,
95.6337

■ 41.4350, 56.2889,
90.3436

■ 92.5802, 99.0121,
95.8944

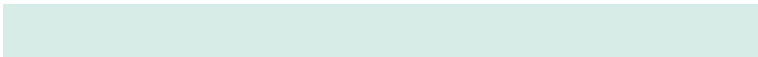
■ 39.9452, 54.4774,
90.0725

■ 38.9878, 53.0473,
89.8469

Harmonies

Analogous

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



72.4978, 80.3690, 87.5368



73.0160, 80.3690, 93.3258



74.4346, 80.3690, 97.7134

Triad

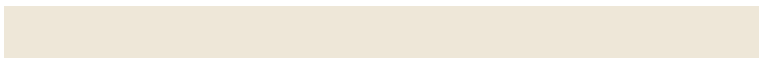
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0160, 80.3690, 93.3258



79.8732, 80.3690, 93.2741



76.3783, 80.3690, 76.6537

Complementary

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



73.0160, 80.3690, 93.3258



72.1632, 72.2663, 73.0975

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.



78.3759, 80.3690, 78.0394



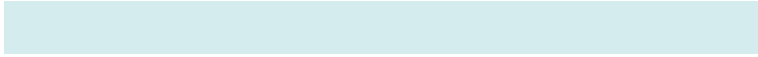
73.0160, 80.3690, 93.3258



80.4156, 80.3690, 87.4796

Square

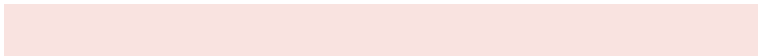
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0160, 80.3690, 93.3258



78.3935, 80.3690, 97.6827



79.8629, 80.3690, 81.9375



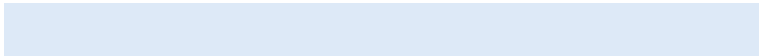
74.4176, 80.3690, 78.0659

Rectangle

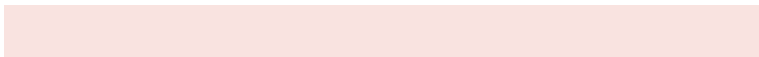
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



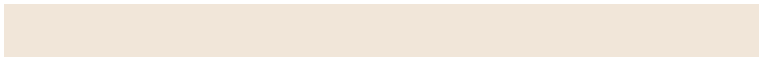
73.0160, 80.3690, 93.3258



75.7128, 80.3690, 99.1599



79.8629, 80.3690, 81.9375



77.0679, 80.3690, 76.8070

Sweetspot

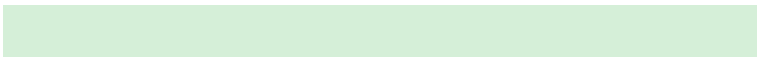
The Sweet Spot groups the original color and five complimentary colors.



73.0183, 80.3724, 93.3276



92.0107, 98.0166, 108.6774



70.6514, 80.8177, 76.5720



19.5243, 20.8683, 23.2489



0.0000, 0.0000, 0.0000



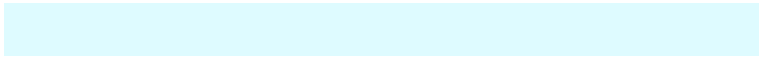
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0183, 80.3724, 93.3276



82.6815, 91.8324, 107.9754



69.5166, 73.3689, 92.1603



16.0828, 17.5996, 20.2710



21.6077, 29.4396, 49.6714



1.8413, 2.5366, 4.1468

Inverse Universe

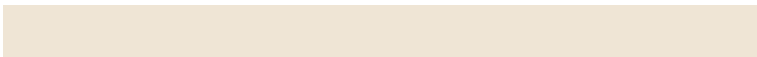
The Inverse Universe completely reimagines the original color for something new.



74.5330, 71.9970, 89.3292



84.7623, 80.3993, 102.4662



75.5169, 78.9737, 74.2154



16.3712, 15.9982, 19.5110



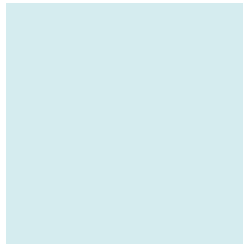
26.2322, 12.7653, 35.4688



2.2043, 1.0708, 3.0669

Previews

White Background



This preview shows how the XYZ color 73.0160, 80.3690, 93.3258 looks on a white background.

Color Contrast Check

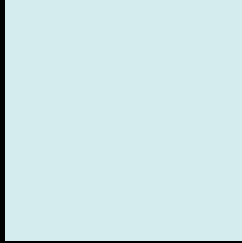
Large Text (above 18pt) WCAG AA × Fail

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 73.0160, 80.3690, 93.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

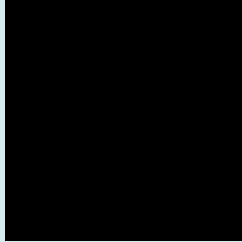
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

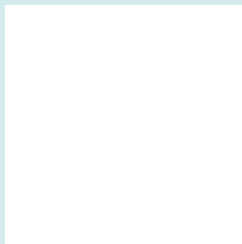
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0160, 80.3690, 93.3258

Background



This preview shows how black text looks on a background with the XYZ color 73.0160, 80.3690, 93.3258.

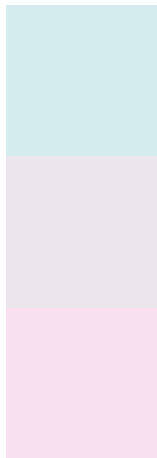


This preview shows how white text looks on a background with the XYZ color 73.0160, 80.3690,

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

73.0160, 80.3690, 93.3258

Protanopia

77.3688, 80.1422, 90.7481

Deuteranopia

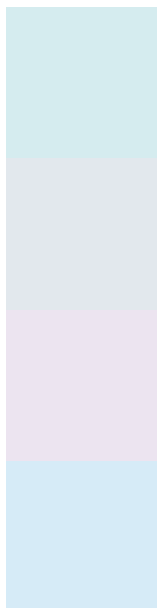
81.5998, 79.8019, 94.3216



Tritanopia

75.0178, 80.3210, 103.6451

Trichromacy



Original Color

73.0160, 80.3690, 93.3258

Protanomaly

75.5067, 79.9964, 91.5820

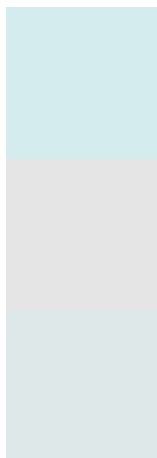
Deuteranomaly

78.0637, 79.6109, 93.6901

Tritanomaly

74.2284, 80.4282, 99.6076

Monochromacy



Original Color

73.0160, 80.3690, 93.3258

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.9960, 79.2844, 88.4942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0160, 80.3690, 93.3258 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, 236, 239)` looks like.

```
.text, #text, p{  
    color:rgb(213, 236, 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(213, 236, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 236, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.0160, 80.3690, 93.3258 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, 236, 239) }
```


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

```
.border{ border-color:rgb(213, 236, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 236, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 236, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 236, 239); box-shadow:4px 4px 4px 4px rgb(213, 236, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0160, 80.3690, 93.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 236, 239) }
```

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

```
.background{ background-color: rgb(213,  
236, 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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