

Converting Colors

XYZ(73.0730, 79.9512,
103.5997)

Have a look what the booklet for
XYZ(73.0730, 79.9512, 103.5997)
contains.

XYZ(73.0111, 79.7103, 103.6330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0111, 79.7103,
103.6330)**

Conversions

Conversions Part 1	
Format	Color
Hex	CFEBFC
RGB	207, 235, 252
RGB Percent	81%, 92%, 99%
CMY	0.1882, 0.0784, 0.0118
CMYK	0.18, 0.07, 0.00, 0.01
HSL	203°, 88%, 90%
HSV	203°, 18%, 99%
XYZ	73.0111, 79.7103, 103.6330
YIQ	228.5660, -22.1450, -0.6490

Conversions

Conversions Part 2

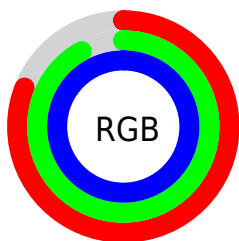
Format	Color
RYB	207, 224, 252
Decimal	13626364
CIELab	91.55, -5.68, -11.29
CIELCh	92, 12.642, 243.296
Yxy	79.7103, 0.2848, 0.3109
Android (android.graphics.Color)	4291816444 (0xFFCFEBFC)
YUV	228.5660, 11.5530, -18.9134
Hunter-Lab	89.2806, -10.2690, -6.3248

Details

The XYZ color **73.0111, 79.7103, 103.6330** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.0636, 78.5117, 70.0729**, and the grayscale version is **74.0888, 77.9472, 84.8845**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9193, 42.8557, 57.8505** is the 20% darker color. If you saturate the color by 10%, you get **63.8726, 71.0633, 102.4469**, and if you desaturate by 10%, it is **83.4238, 89.2348, 104.9239**.

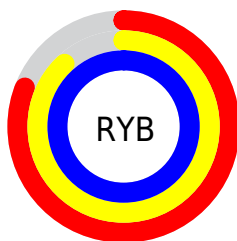
Distribution



Red (81%)

Green (92%)

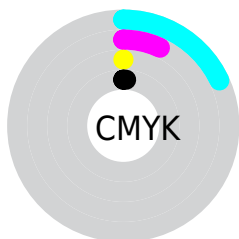
Blue (99%)



Red (81%)

Yellow (88%)

Blue (99%)

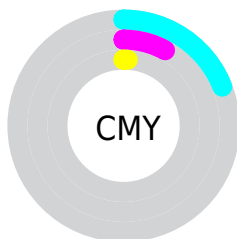


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (19%)


Magenta (8%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0111, 79.7103, 103.6330 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 73.0111, 79.7103, 103.6330 by changing the saturation by 10% instead.


 73.0111, 79.7103,
103.6330

 73.0111, 79.7103,
103.6330


460.1565,
493.9560, 593.1245

 54.2734, 59.4800,
78.7043


122.4960,
132.9584, 168.2361

 39.0519, 42.9996,
58.1329


153.9740,
166.7449, 208.7477

 26.9810, 29.8848,
41.5001


190.4294,
205.8189, 255.2906

 17.6955, 19.7512,
28.3874

232.2277,
250.5649, 308.2834

 10.8299, 12.2143,
18.3763

279.7342,
301.3672, 368.1446

 6.0190, 6.8898,
11.0483

333.3143,

 2.8974, 3.3933,

358.6102, 435.2929

5.9847

393.3333,
422.6784, 510.1467

■ 1.0998, 1.3403,
2.7672

■ 0.0249, 0.1721,
0.9770

■ 73.0111, 79.7103,
103.6330

■ 73.0111, 79.7103,
103.6330

■ 63.8726, 71.0633,
102.4469

■ 83.4238, 89.2348,
104.9239

■ 55.9458, 63.2519,
101.3569

■ 94.2660, 99.1984,
106.2756

■ 49.1731, 56.2453,
100.3615

■ 94.5709, 99.8084,
106.3773

■ 43.4895, 50.0063,
99.4568

■ 38.8225, 44.4939,
98.6388

■ 35.0902, 39.6623,
97.9029

■ 32.1963, 35.4579,
97.2439

■ 30.0122, 31.8106,
96.6550

■ 29.5971, 31.0807,
96.5360

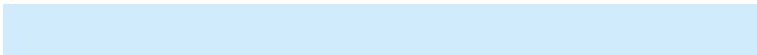
Harmonies

Analogous

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



70.6991, 79.7103, 96.9043



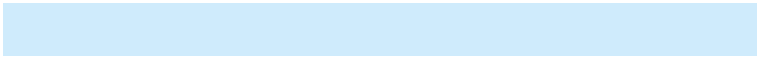
73.0111, 79.7103, 103.6330



76.1192, 79.7103, 105.7449

Triad

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



73.0111, 79.7103, 103.6330



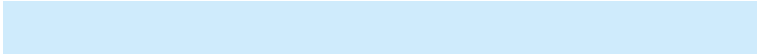
82.1197, 79.7103, 85.7744



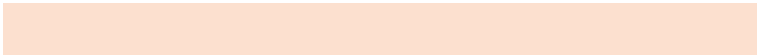
72.4106, 79.7103, 72.7841

Complementary

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



73.0111, 79.7103, 103.6330



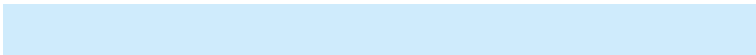
78.0636, 78.5117, 70.0729

Split Complementary

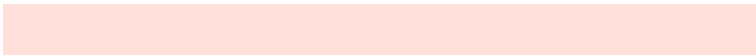
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4064, 79.7103, 70.2491



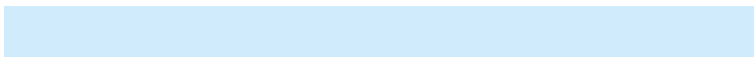
73.0111, 79.7103, 103.6330



81.0616, 79.7103, 77.4069

Square

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



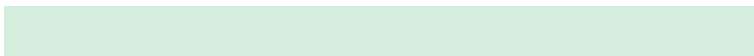
73.0111, 79.7103, 103.6330



81.4349, 79.7103, 95.0142



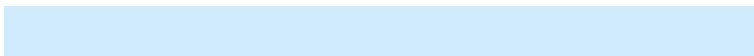
78.5817, 79.7103, 71.8803



70.3593, 79.7103, 79.0564

Rectangle

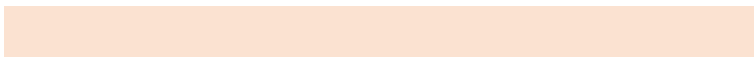
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0111, 79.7103, 103.6330



78.2399, 79.7103, 104.1359



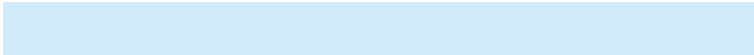
78.5817, 79.7103, 71.8803



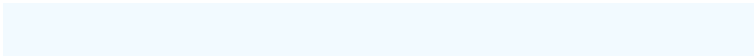
73.3375, 79.7103, 71.4876

Sweetspot

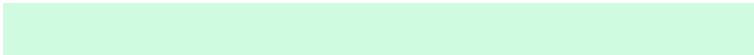
The Sweet Spot groups the original color and five complimentary colors.



73.0135, 79.7136, 103.6348



88.9967, 94.6273, 108.1820



73.9308, 88.2424, 83.3034



18.8728, 20.0965, 23.1343



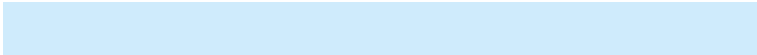
0.0000, 0.0000, 0.0000



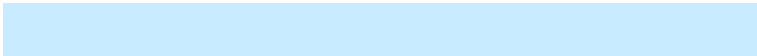
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0135, 79.7136, 103.6348



71.9021, 78.9870, 106.0641



67.0986, 67.8838, 101.6632



17.1828, 18.4425, 22.0394



15.5638, 16.4832, 50.3348



1.5435, 1.7307, 4.6959

Inverse Universe

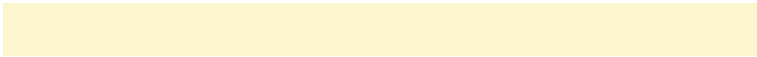
The Inverse Universe completely reimagines the original color for something new.



77.4550, 71.3210, 88.2850



77.1944, 69.2285, 87.7197



84.3645, 91.1134, 72.1732



17.6988, 17.4069, 20.2698



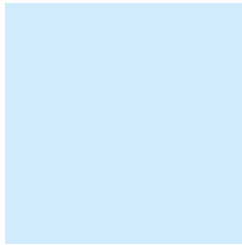
24.1479, 12.0749, 18.0192



2.2880, 1.1389, 1.9401

Previews

White Background



This preview shows how the XYZ color 73.0111, 79.7103, 103.6330 looks on a white background.

Color Contrast Check

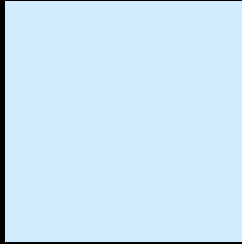
Large Text (above 18pt) WCAG AA × Fail

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 73.0111, 79.7103, 103.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

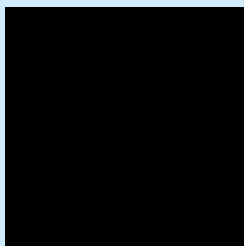
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

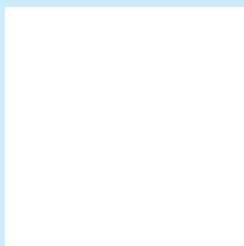
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0111, 79.7103, 103.6330

Background



This preview shows how black text looks on a background with the XYZ color 73.0111, 79.7103, 103.6330.



This preview shows how white text looks on a background with the XYZ color 73.0111, 79.7103,

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

73.0111, 79.7103, 103.6330

Protanopia

77.2757, 79.4739, 100.0741

Deuteranopia

81.1630, 79.3443, 104.8032



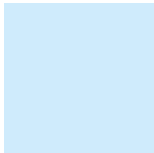
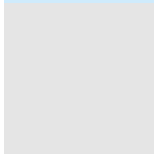
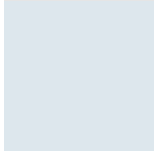
Tritanopia

73.1701, 79.7739, 104.4699

Trichromacy

	Original Color 73.0111, 79.7103, 103.6330
	Protanomaly 75.4936, 79.3635, 100.9623
	Deuteranomaly 77.7861, 79.2367, 104.1229
	Tritanomaly 73.1701, 79.7739, 104.4699

Monochromacy

	Original Color 73.0111, 79.7103, 103.6330
	Achromatopsia 74.4753, 78.3538, 85.3273
	Achromatomaly 73.6808, 78.6384, 91.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0111, 79.7103, 103.6330 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(207, 235, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 235, 252)  
}
```

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(207, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 235, 252) }
```

Border

The CSS property to change the border of an element to XYZ 73.0111, 79.7103, 103.6330 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(207, 235, 252) }
```


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

```
.border{ border-color:rgb(207, 235, 252) }
```

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

Here you see how a box with a 4 pixel rgb(207, 235, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 235,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0111, 79.7103, 103.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 235, 252) }
```

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

```
.background{ background-color: rgb(207,  
235, 252) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor