

Converting Colors

XYZ(73.7060, 81.3252,
103.4161)

Have a look what the booklet for
XYZ(73.7060, 81.3252, 103.4161)
contains.

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Color

**XYZ(73.7192, 81.3795,
103.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEEFB
RGB	207, 238, 251
RGB Percent	81%, 93%, 98%
CMY	0.1882, 0.0666, 0.0157
CMYK	0.18, 0.05, 0.00, 0.02
HSL	198°, 85%, 90%
HSV	198°, 18%, 98%
XYZ	73.7192, 81.3795, 103.0892
YIQ	230.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

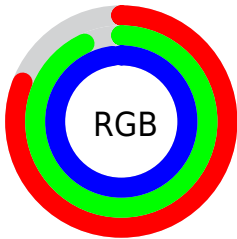
Format	Color
R_{YB}	207, 225, 251
Decimal	13627131
CIE _{Lab}	92.30, -7.42, -9.66
CIE _{LCh}	92, 12.183, 232.484
Yxy	81.3795, 0.2855, 0.3152
Android (android.graphics.Color)	4291817211 (0xFFCFEEFB)
YUV	230.2130, 10.2480, -20.3578
Hunter-Lab	90.2106, -12.0001, -4.6069

Details

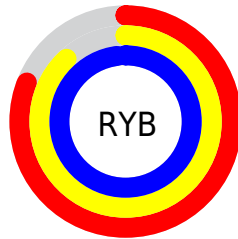
The XYZ color **73.7192, 81.3795, 103.0892** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6399, 76.2005, 69.7018**, and the grayscale version is **75.3119, 79.2340, 86.2858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4144, 44.0263, 57.4595** is the 20% darker color. If you saturate the color by 10%, you get **65.1427, 73.8214, 102.0837**, and if you desaturate by 10%, it is **83.5042, 89.6968, 104.1802**.

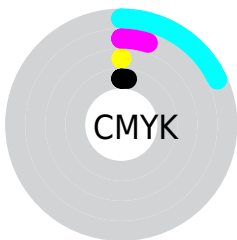
Distribution



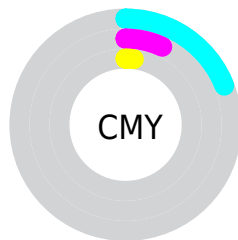
- Red (81%)
- Green (93%)
- Blue (98%)



- Red (81%)
- Yellow (88%)
- Blue (98%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7192, 81.3795, 103.0892 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 73.7192, 81.3795, 103.0892 by changing the saturation by 10% instead.

■ 73.7192, 81.3795,
103.0892

■ 73.7192, 81.3795,
103.0892

462.5690,
499.5698, 591.3832

■ 54.8547, 60.8542,
78.2517

123.4953,
135.3035, 167.4848

■ 39.5188, 44.1075,
57.7631

155.1376,
169.4710, 207.8800

■ 27.3461, 30.7550,
41.2048

191.7700,
208.9547, 254.2982

■ 17.9712, 20.4124,
28.1582

233.7577,
254.1390, 307.1580

■ 11.0289, 12.6952,
18.2049

281.4660,
305.4082, 366.8778

■ 6.1537, 7.2190,
10.9262

335.2605,

■ 2.9803, 3.5994,

363.1468, 433.8763

5.9037

395.5063,
427.7392, 508.5719

■ 1.1434, 1.4521,
2.7188

■ 0.0609, 0.2547,
0.9529

■ 73.7192, 81.3795,
103.0892

■ 73.7192, 81.3795,
103.0892

■ 65.1427, 73.8214,
102.0837

■ 83.5042, 89.6968,
104.1802

■ 57.7138, 66.9832,
101.1553

■ 93.7255, 98.3705,
105.3156

■ 51.3771, 60.8368,
100.3029

■ 94.4128, 99.7451,
105.5448

■ 46.0694, 55.3482,
99.5233

■ 41.7207, 50.4794,
98.8127

■ 38.2514, 46.1878,
98.1672

■ 35.5683, 42.4237,
97.5821

■ 33.5489, 39.1220,
97.0512

■ 33.1074, 38.3542,
96.9263

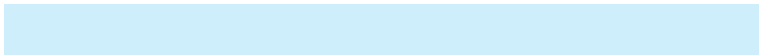
Harmonies

Analogous

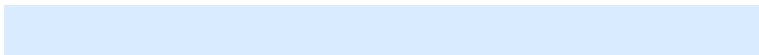
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8871, 81.3795, 95.4080



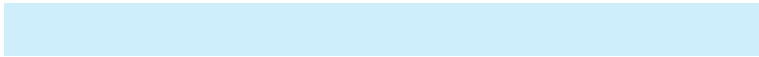
73.7192, 81.3795, 103.0892



76.5594, 81.3795, 106.9390

Triad

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



73.7192, 81.3795, 103.0892



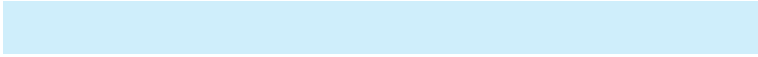
83.5093, 81.3795, 90.8964



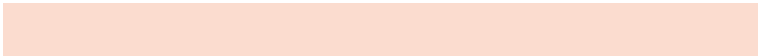
75.0559, 81.3795, 73.5300

Complementary

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



73.7192, 81.3795, 103.0892



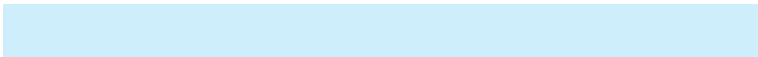
76.6399, 76.2005, 69.7018

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.



78.1436, 81.3795, 72.5022



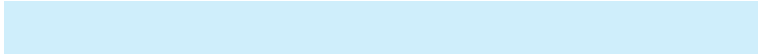
73.7192, 81.3795, 103.0892



83.0803, 81.3795, 82.1399

Square

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



73.7192, 81.3795, 103.0892



82.2523, 81.3795, 99.5954



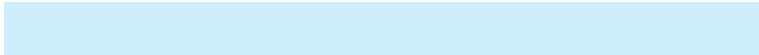
81.0956, 81.3795, 75.5515



72.6441, 81.3795, 78.4607

Rectangle

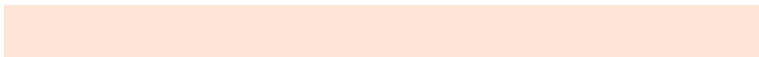
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7192, 81.3795, 103.0892



78.6653, 81.3795, 106.6434



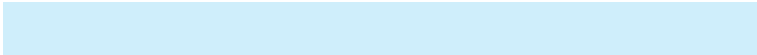
81.0956, 81.3795, 75.5515



76.0470, 81.3795, 72.7309

Sweetspot

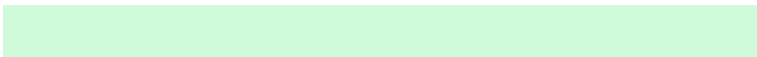
The Sweet Spot groups the original color and five complimentary colors.



73.7216, 81.3829, 103.0910



89.3241, 95.2821, 108.2911



73.0785, 87.4003, 80.3602



18.9525, 20.2559, 23.1608



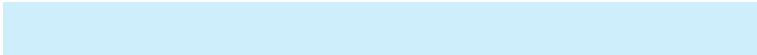
0.0000, 0.0000, 0.0000



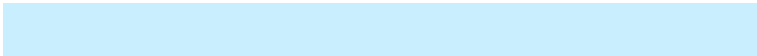
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7216, 81.3829, 103.0910



73.1785, 81.5398, 106.4896



67.8389, 69.6174, 101.1301



17.3075, 18.6919, 22.0810



17.5350, 20.4256, 50.9919



1.7160, 2.0758, 4.7534

Inverse Universe

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



77.5310, 71.3096, 90.5706



77.8386, 69.4862, 91.1123



82.6411, 88.2029, 71.7022



17.7618, 17.4321, 20.6012



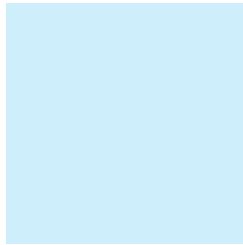
25.1429, 12.4729, 23.2587



2.3751, 1.1738, 2.3987

Previews

White Background



This preview shows how the XYZ color 73.7192, 81.3795, 103.0892 looks on a white background.

Color Contrast Check

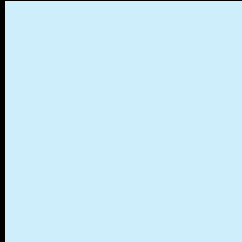
Large Text (above 18pt) WCAG AA × Fail

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 73.7192, 81.3795, 103.0892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

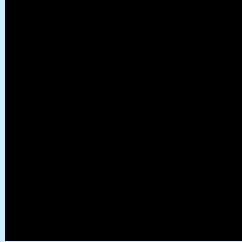
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

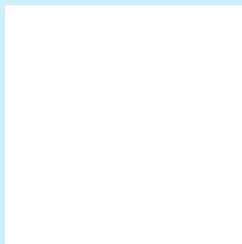
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7192, 81.3795, 103.0892

Background



This preview shows how black text looks on a background with the XYZ color 73.7192, 81.3795, 103.0892.



This preview shows how white text looks on a background with the XYZ color 73.7192, 81.3795,

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

73.7192, 81.3795, 103.0892

Protanopia

78.6431, 81.0230, 99.4898

Deuteranopia

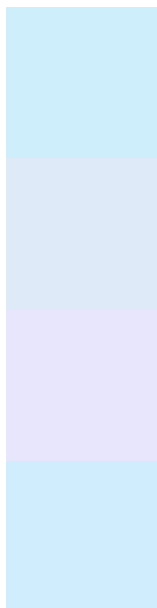
82.5822, 80.8970, 104.1906



Tritanopia

74.6287, 81.3437, 106.3753

Trichromacy



Original Color

73.7192, 81.3795, 103.0892

Protanomaly

76.7975, 81.3109, 100.4539

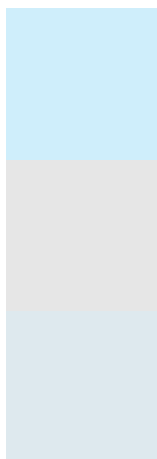
Deuteranomaly

78.8225, 80.6108, 103.5005

Tritanomaly

74.1860, 81.1340, 105.5163

Monochromacy



Original Color

73.7192, 81.3795, 103.0892

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6957, 79.9805, 92.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7192, 81.3795, 103.0892 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, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 238, 251)  
}
```

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, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 238, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.7192, 81.3795, 103.0892 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, 238, 251) }
```


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

```
.border{ border-color:rgb(207, 238, 251) }
```

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

Here you see how a box with a 4 pixel rgb(207, 238, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(207, 238,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7192, 81.3795, 103.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 238, 251) }
```

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

```
.background{ background-color: rgb(207,  
238, 251) }
```

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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