

Converting Colors

XYZ(73.9058, 81.5717,
104.3195)

Have a look what the booklet for
XYZ(73.9058, 81.5717, 104.3195)
contains.

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Color

**XYZ(73.8773, 81.4427,
103.9217)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEEF3
RGB	207, 238, 252
RGB Percent	81%, 93%, 99%
CMY	0.1882, 0.0666, 0.0118
CMYK	0.18, 0.06, 0.00, 0.01
HSL	199°, 88%, 90%
HSV	199°, 18%, 99%
XYZ	73.8773, 81.4427, 103.9217
YIQ	230.3270, -22.9700, -2.2180

Conversions

Conversions Part 2

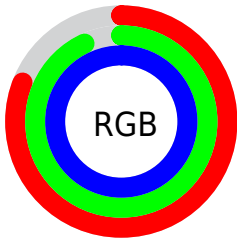
Format	Color
R_{YB}	207, 225, 252
Decimal	13627132
CIE _{Lab}	92.33, -7.21, -10.14
CIE _{LCh}	92, 12.445, 234.585
Yxy	81.4427, 0.2850, 0.3142
Android (android.graphics.Color)	4291817212 (0xFFCFEEFC)
YUV	230.3270, 10.6848, -20.4578
Hunter-Lab	90.2456, -11.8053, -5.1031

Details

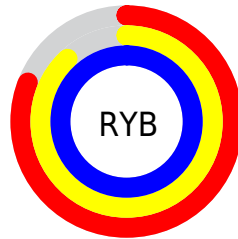
The XYZ color **73.8773, 81.4427, 103.9217** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2644, 76.9133, 69.8065**, and the grayscale version is **75.3933, 79.3197, 86.3791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5272, 44.0714, 58.0531** is the 20% darker color. If you saturate the color by 10%, you get **65.1589, 73.6358, 102.8756**, and if you desaturate by 10%, it is **83.8236, 90.0343, 105.0571**.

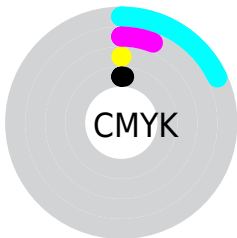
Distribution



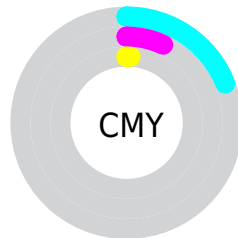
- Red (81%)
- Green (93%)
- Blue (99%)



- Red (81%)
- Yellow (88%)
- Blue (99%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8773, 81.4427, 103.9217 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 73.8773, 81.4427, 103.9217 by changing the saturation by 10% instead.

■ 73.8773, 81.4427,
103.9217

■ 73.8773, 81.4427,
103.9217

463.1066,
499.7816, 594.0479

■ 54.9845, 60.9063,
78.9447

123.7183,
135.3922, 168.6348

■ 39.6231, 44.1495,
58.3293

155.3972,
169.5741, 209.2080

■ 27.4277, 30.7881,
41.6570

192.0690,
209.0732, 255.8170

■ 18.0330, 20.4375,
28.5092

234.0988,
254.2740, 308.8804

■ 11.0735, 12.7135,
18.4675

281.8521,
305.5608, 368.8166

■ 6.1839, 7.2315,
11.1132

335.6943,

■ 2.9990, 3.6073,

363.3181, 436.0442

6.0279

395.9907,
427.9303, 510.9818

■ 1.1532, 1.4564,
2.7930

■ 0.0689, 0.2578,
0.9899

■ 73.8773, 81.4427,
103.9217

■ 73.8773, 81.4427,
103.9217

■ 65.1589, 73.6358,
102.8756

■ 83.8236, 90.0343,
105.0571

■ 57.6066, 66.5736,
101.9106

■ 94.1518, 98.9700,
106.2375

■ 51.1641, 60.2273,
101.0251

■ 94.5709, 99.8084,
106.3773

■ 45.7673, 54.5619,
100.2161

■ 41.3449, 49.5387,
99.4796

■ 37.8161, 45.1141,
98.8115

■ 35.0858, 41.2369,
98.2070

■ 33.0266, 37.8394,
97.6598

■ 32.6333, 37.1532,
97.5481

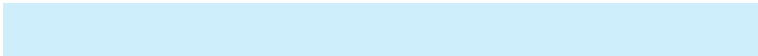
Harmonies

Analogous

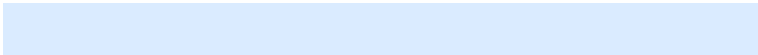
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9160, 81.4427, 96.2581



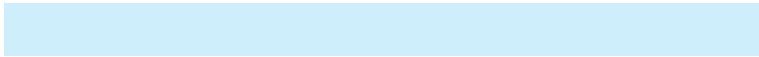
73.8773, 81.4427, 103.9217



76.8262, 81.4427, 107.5201

Triad

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



73.8773, 81.4427, 103.9217



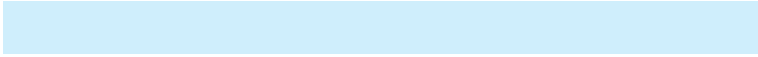
83.7354, 81.4427, 90.3606



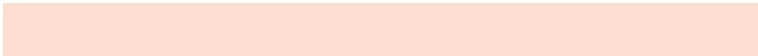
74.8623, 81.4427, 73.5155

Complementary

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



73.8773, 81.4427, 103.9217



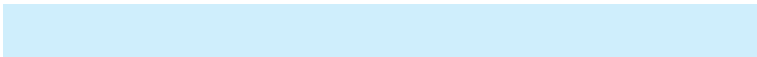
77.2644, 76.9133, 69.8065

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.



77.9944, 81.4427, 72.1755



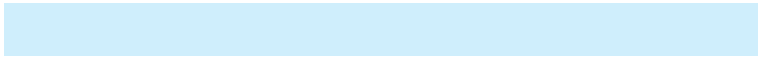
73.8773, 81.4427, 103.9217



83.1745, 81.4427, 81.5053

Square

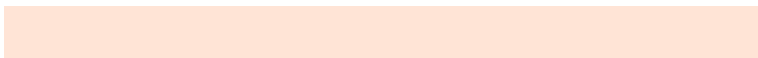
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8773, 81.4427, 103.9217



82.5633, 81.4427, 99.3509



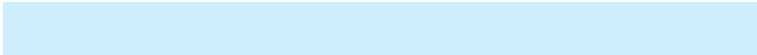
81.0512, 81.4427, 75.0017



72.4735, 81.4427, 78.7969

Rectangle

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



73.8773, 81.4427, 103.9217



78.9778, 81.4427, 106.9615



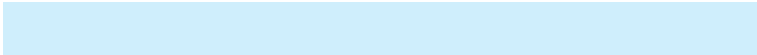
81.0512, 81.4427, 75.0017



75.8608, 81.4427, 72.6053

Sweetspot

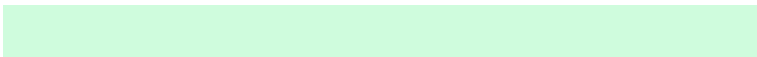
The Sweet Spot groups the original color and five complimentary colors.



73.8797, 81.4460, 103.9235



89.2617, 95.1572, 108.2703



73.5286, 88.0815, 81.1854



18.9373, 20.2255, 23.1558



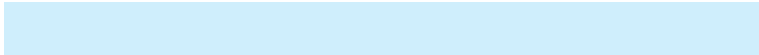
0.0000, 0.0000, 0.0000



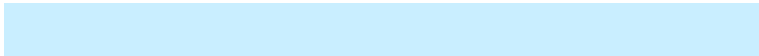
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8797, 81.4460, 103.9235



72.9332, 81.0493, 106.4078



67.8602, 69.4070, 101.9170



17.2837, 18.6442, 22.0730



17.1362, 19.6280, 50.8590



1.6815, 2.0067, 4.7419

Inverse Universe

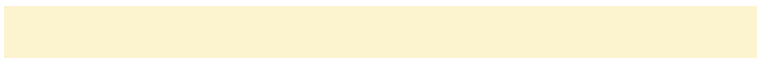
The Inverse Universe completely reimagines the original color for something new.



77.8922, 71.4959, 90.5874



77.7149, 69.4367, 90.4605



83.4593, 89.3031, 71.8715



17.7497, 17.4273, 20.5379



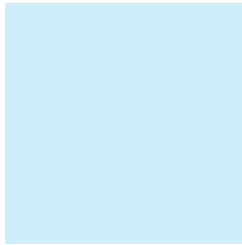
24.9416, 12.3924, 22.1987



2.3577, 1.1668, 2.3069

Previews

White Background



This preview shows how the XYZ color 73.8773, 81.4427, 103.9217 looks on a white background.

Color Contrast Check

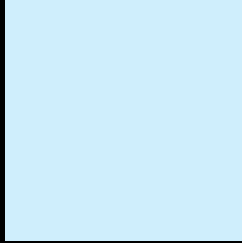
Large Text (above 18pt) WCAG AA × Fail

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 73.8773, 81.4427, 103.9217 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

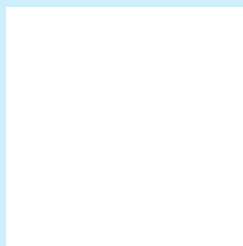
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8773, 81.4427, 103.9217

Background



This preview shows how black text looks on a background with the XYZ color 73.8773, 81.4427, 103.9217.



This preview shows how white text looks on a background with the XYZ color 73.8773, 81.4427,

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

74.6287, 81.3437, 106.3753

Trichromacy



Original Color

73.8773, 81.4427, 103.9217

Protanomaly

76.9531, 81.3732, 101.2733

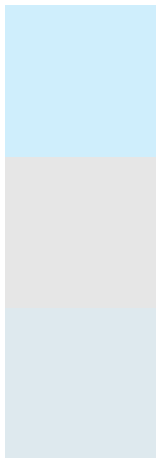
Deuteranomaly

78.9814, 80.6744, 104.3375

Tritanomaly

74.1860, 81.1340, 105.5163

Monochromacy



Original Color

73.8773, 81.4427, 103.9217

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 73.8773, 81.4427, 103.9217 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 238, 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, 238, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 238, 252) }
```

Border

The CSS property to change the border of an element to XYZ 73.8773, 81.4427, 103.9217 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, 252) }
```


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

```
.border{ border-color:rgb(207, 238, 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, 238, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 238, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 238, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 238,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8773, 81.4427, 103.9217 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, 252) }
```

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

```
.background{ background-color: rgb(207,  
238, 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](#).

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