

Converting Colors

XYZ(73.8696, 81.7499, 98.7141)

Have a look what the booklet for
XYZ(73.8696, 81.7499, 98.7141)
contains.

XYZ(73.7874, 81.5045, 99.0317)	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(73.7874, 81.5045,
99.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EEF6
RGB	210, 238, 246
RGB Percent	82%, 93%, 96%
CMY	0.1765, 0.0666, 0.0353
CMYK	0.15, 0.03, 0.00, 0.04
HSL	193°, 67%, 89%
HSV	193°, 15%, 96%
XYZ	73.7874, 81.5045, 99.0317
YIQ	230.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

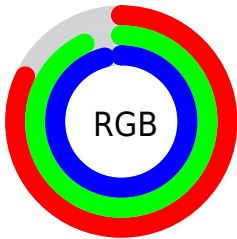
Format	Color
R _{YB}	210, 226, 246
Decimal	13823734
CIE _{Lab}	92.36, -7.52, -6.96
CIE _{LCh}	92, 10.241, 222.785
Y _{xy}	81.5045, 0.2901, 0.3205
Android (android.graphics.Color)	4292013814 (0xFFD2EEF6)
YUV	230.5400, 7.6218, -18.0136
Hunter-Lab	90.2798, -12.0983, -1.8418

Details

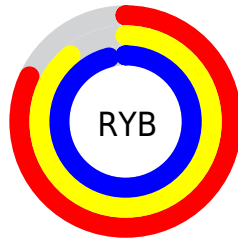
The XYZ color **73.7874, 81.5045, 99.0317** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7108, 74.3886, 71.3950**, and the grayscale version is **75.5713, 79.5068, 86.5830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5398, 44.1422, 55.1515** is the 20% darker color. If you saturate the color by 10%, you get **65.7485, 75.0363, 98.2082**, and if you desaturate by 10%, it is **82.9559, 88.6310, 99.9253**.

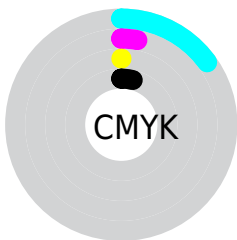
Distribution



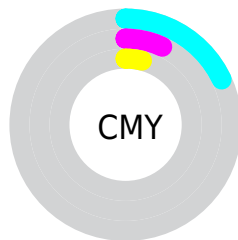
- Red (82%)
- Green (93%)
- Blue (96%)



- Red (82%)
- Yellow (89%)
- Blue (96%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7874, 81.5045, 99.0317 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 73.7874, 81.5045, 99.0317 by changing the saturation by 10% instead.

■ 73.7874, 81.5045,
99.0317

■ 73.7874, 81.5045,
99.0317

462.8009,
499.9888, 578.3039

■ 54.9107, 60.9572,
74.8797

123.5915,
135.4789, 161.8661

■ 39.5638, 44.1906,
55.0132

155.2496,
169.6748, 201.3857

■ 27.3813, 30.8204,
39.0137

191.8990,
209.1890, 246.8649

■ 17.9979, 20.4621,
26.4624

233.9048,
254.4060, 298.7222

■ 11.0481, 12.7314,
16.9410

281.6326,
305.7100, 357.3762

■ 6.1668, 7.2439,
10.0310

335.4477,

■ 2.9884, 3.6151,

363.4856, 423.2455

5.3136

395.7153,
428.1170, 496.7485

■ 1.1476, 1.4607,
2.3705

■ 0.0644, 0.2608,
0.7703

■ 73.7874, 81.5045,
99.0317

■ 73.7874, 81.5045,
99.0317

■ 65.7485, 75.0363,
98.2082

■ 82.9559, 88.6310,
99.9253

■ 58.7828, 69.1902,
97.4469

■ 91.7301, 95.6245,
100.8127

■ 52.8392, 63.9415,
96.7471

■ 93.4432, 99.0507,
101.3838

■ 47.8599, 59.2598,
96.1059

■ 93.6348, 99.4339,
101.4476

■ 43.7809, 55.1112,
95.5201

■ 40.5302, 51.4582,
94.9863

■ 38.0241, 48.2568,
94.5005

■ 36.1600, 45.4535,
94.0576

■ 35.3435, 44.0714,
93.8339

Harmonies

Analogous

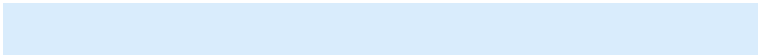
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6034, 81.5045, 92.0136



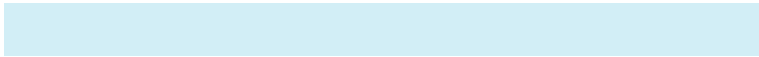
73.7874, 81.5045, 99.0317



75.9691, 81.5045, 103.4282

Triad

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



73.7874, 81.5045, 99.0317



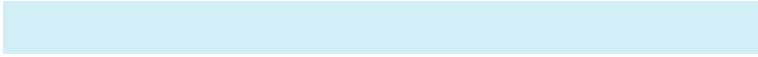
82.4380, 81.5045, 93.1345



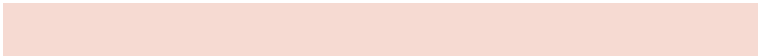
76.3453, 81.5045, 75.2590

Complementary

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



73.7874, 81.5045, 99.0317



74.7108, 74.3886, 71.3950

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.



78.9856, 81.5045, 75.5209



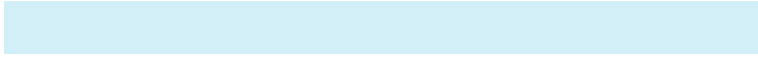
73.7874, 81.5045, 99.0317



82.5443, 81.5045, 85.5539

Square

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



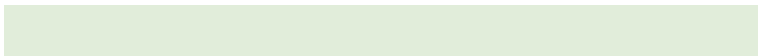
73.7874, 81.5045, 99.0317



80.9809, 81.5045, 99.8925



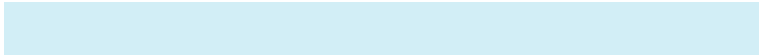
81.2681, 81.5045, 79.1957



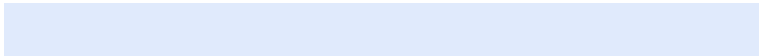
74.0574, 81.5045, 78.4585

Rectangle

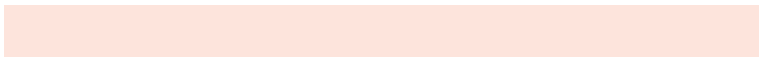
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



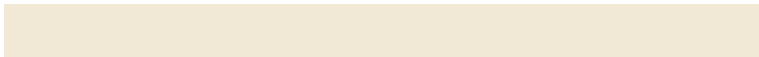
73.7874, 81.5045, 99.0317



77.7154, 81.5045, 104.1348



81.2681, 81.5045, 79.1957



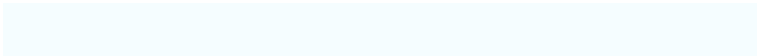
77.2202, 81.5045, 74.9507

Sweetspot

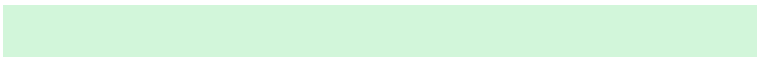
The Sweet Spot groups the original color and five complimentary colors.



73.7898, 81.5079, 99.0335



90.6779, 96.6794, 108.4895



72.1642, 84.6661, 78.7327



19.2377, 20.5625, 23.2050



0.0000, 0.0000, 0.0000



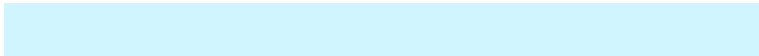
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7898, 81.5079, 99.0335



76.9660, 85.9763, 107.1463



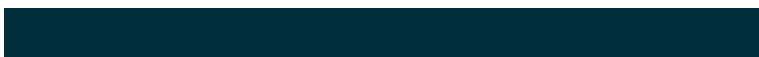
68.8601, 71.6484, 97.3903



16.6662, 18.0967, 21.1572



18.9738, 23.7414, 50.1205



1.7427, 2.2367, 4.4301

Inverse Universe

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



76.4871, 71.8608, 90.7320



80.5165, 73.4906, 96.1710



79.5781, 84.1232, 73.0174



17.0468, 16.7016, 19.9933



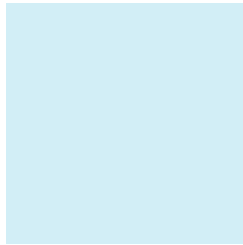
25.3816, 12.4961, 27.7816



2.2687, 1.1134, 2.6412

Previews

White Background



This preview shows how the XYZ color 73.7874, 81.5045, 99.0317 looks on a white background.

Color Contrast Check

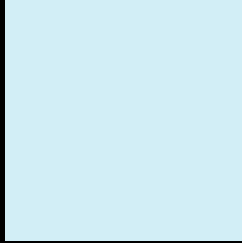
Large Text (above 18pt) WCAG AA × Fail

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 73.7874, 81.5045, 99.0317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

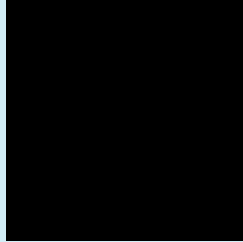
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7874, 81.5045, 99.0317

Background



This preview shows how black text looks on a background with the XYZ color 73.7874, 81.5045, 99.0317.

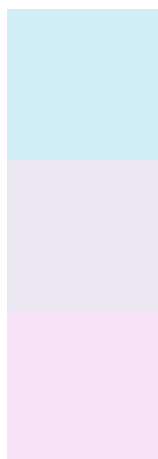


This preview shows how white text looks on a background with the XYZ color 73.7874, 81.5045,

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

73.7874, 81.5045, 99.0317

Protanopia

78.5346, 81.0551, 95.5104

Deuteranopia

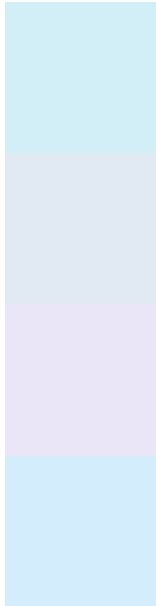
82.8510, 81.1265, 100.0992



Tritanopia

75.1968, 81.2080, 106.3191

Trichromacy



Original Color

73.7874, 81.5045, 99.0317

Protanomaly

76.6518, 81.3243, 96.4512

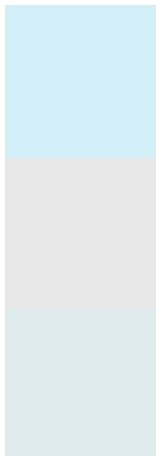
Deuteranomaly

79.0170, 80.8015, 99.4273

Tritanomaly

74.7188, 81.4455, 103.8779

Monochromacy



Original Color

73.7874, 81.5045, 99.0317

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.9946, 80.5897, 90.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7874, 81.5045, 99.0317 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, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(210, 238, 246)  
}
```

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, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 238, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.7874, 81.5045, 99.0317 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, 238, 246) }
```


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

```
.border{ border-color:rgb(210, 238, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(210, 238,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7874, 81.5045, 99.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 238, 246) }
```

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

```
.background{ background-color: rgb(210,  
238, 246) }
```

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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