

Converting Colors

XYZ(73.6703, 81.1988, 99.9395)

Have a look what the booklet for
XYZ(73.6703, 81.1988, 99.9395)
contains.

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Color

**XYZ(73.3672, 80.8391,
99.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EDF7
RGB	209, 237, 247
RGB Percent	82%, 93%, 97%
CMY	0.1804, 0.0706, 0.0314
CMYK	0.15, 0.04, 0.00, 0.03
HSL	196°, 70%, 89%
HSV	196°, 15%, 97%
XYZ	73.3672, 80.8391, 99.7323
YIQ	229.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

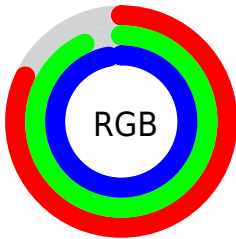
Format	Color
R _Y B	209, 225, 247
Decimal	13757943
CIE Lab	92.06, -7.12, -7.92
CIE LCh	92, 10.649, 228.069
Yxy	80.8391, 0.2889, 0.3183
Android (android.graphics.Color)	4291948023 (0xFFD1EDF7)
YUV	229.7680, 8.4954, -18.2135
Hunter-Lab	89.9106, -11.6871, -2.8294

Details

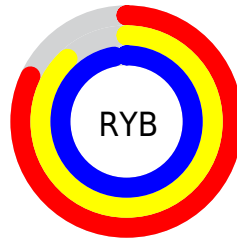
The XYZ color **73.3672, 80.8391, 99.7323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1985, 75.0405, 70.8441**, and the grayscale version is **74.9940, 78.8995, 85.9216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2543, 43.6794, 55.6523** is the 20% darker color. If you saturate the color by 10%, you get **65.0665, 73.8195, 98.8162**, and if you desaturate by 10%, it is **82.8242, 88.5603, 100.7255**.

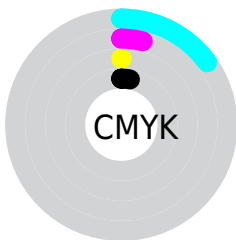
Distribution



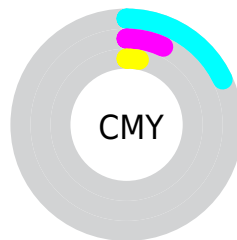
- Red (82%)
- Green (93%)
- Blue (97%)



- Red (82%)
- Yellow (88%)
- Blue (97%)



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



- Cyan (18%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3672, 80.8391, 99.7323 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 73.3672, 80.8391, 99.7323 by changing the saturation by 10% instead.

73.3672, 80.8391,
99.7323

73.3672, 80.8391,
99.7323

461.3706,
497.7562, 580.5734

54.5657, 60.4091,
75.4614

122.9987,
134.5448, 162.8379

39.2866, 43.7485,
55.4869

154.5594,
168.5893, 202.5097

27.1645, 30.4728,
39.3905

191.1039,
207.9408, 248.1521

17.8340, 20.1977,
26.7535

232.9975,
252.9836, 300.1838

10.9298, 12.5389,
17.1574

280.6057,
304.1021, 359.0232

6.0866, 7.1118,
10.1836

334.2936,

2.9390, 3.5321,

361.6808, 425.0889

5.4137

394.4268,
426.1040, 498.7995

■ 1.1216, 1.4154,
2.4290

■ 0.0431, 0.2281,
0.8022

■ 73.3672, 80.8391,
99.7323

■ 73.3672, 80.8391,
99.7323

■ 65.0665, 73.8195,
98.8162

■ 82.8242, 88.5603,
100.7255

■ 57.8646, 67.4644,
97.9691

■ 92.2146, 96.3473,
101.7336

■ 51.7095, 61.7479,
97.1901

■ 93.7887, 99.4955,
102.2583

■ 46.5419, 56.6386,
96.4763

■ 42.2963, 52.1015,
95.8243

■ 38.8991, 48.0974,
95.2305

■ 36.2641, 44.5810,
94.6906

■ 34.2856, 41.4964,
94.1995

■ 33.5212, 40.1805,
93.9858

Harmonies

Analogous

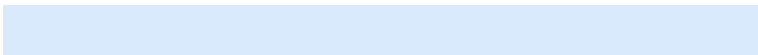
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9333, 80.8391, 92.7847



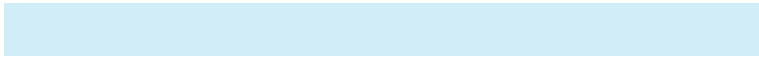
73.3672, 80.8391, 99.7323



75.7509, 80.8391, 103.6276

Triad

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



73.3672, 80.8391, 99.7323



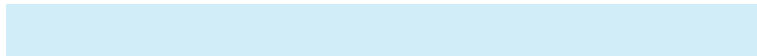
82.1073, 80.8391, 91.1771



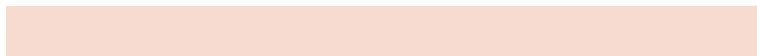
75.2122, 80.8391, 74.4375

Complementary

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



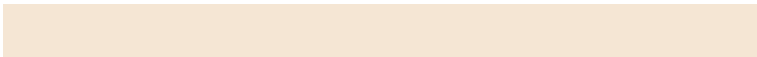
73.3672, 80.8391, 99.7323



75.1985, 75.0405, 70.8441

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.



77.9297, 80.8391, 74.0640



73.3672, 80.8391, 99.7323



81.9548, 80.8391, 83.4213

Square

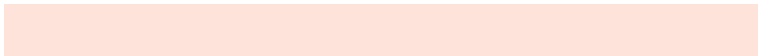
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



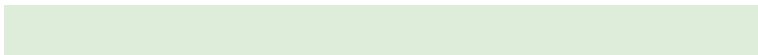
73.3672, 80.8391, 99.7323



80.8227, 80.8391, 98.4953



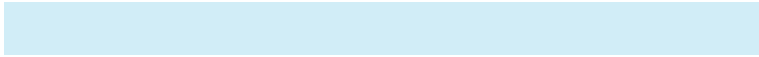
80.4107, 80.8391, 77.2626



72.9809, 80.8391, 78.3151

Rectangle

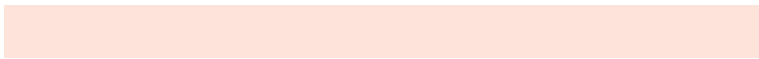
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3672, 80.8391, 99.7323



77.5773, 80.8391, 103.8246



80.4107, 80.8391, 77.2626



76.0978, 80.8391, 73.9067

Sweetspot

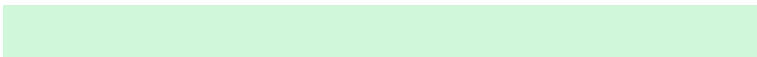
The Sweet Spot groups the original color and five complimentary colors.



73.3696, 80.8424, 99.7341



89.4531, 95.5401, 108.3341



72.2772, 85.1664, 79.3041



18.9839, 20.3187, 23.1713



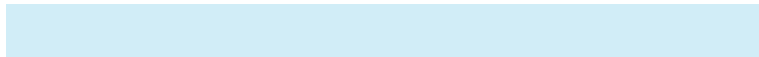
0.0000, 0.0000, 0.0000



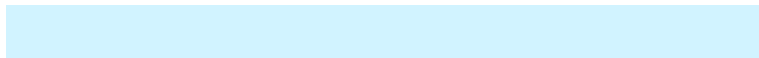
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3696, 80.8424, 99.7341



76.4009, 84.8462, 106.9579



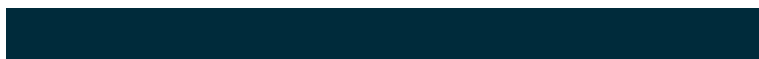
68.2858, 70.6748, 98.0395



16.6063, 17.9769, 21.1372



17.8500, 21.4938, 49.7460



1.6523, 2.0560, 4.4000

Inverse Universe

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



76.4462, 71.4913, 89.8947



80.2313, 73.3765, 94.6691



80.2969, 85.2374, 72.5435



17.0166, 16.6895, 19.8340



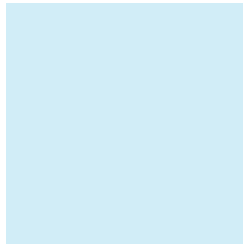
24.8144, 12.2692, 24.7946



2.2231, 1.0952, 2.4010

Previews

White Background



This preview shows how the XYZ color 73.3672, 80.8391, 99.7323 looks on a white background.

Color Contrast Check

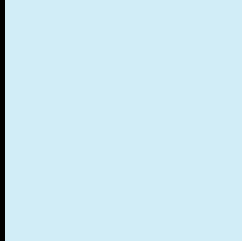
Large Text (above 18pt) WCAG AA × Fail

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 73.3672, 80.8391, 99.7323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

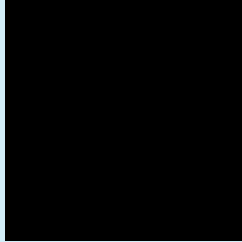
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3672, 80.8391, 99.7323

Background



This preview shows how black text looks on a background with the XYZ color 73.3672, 80.8391, 99.7323.



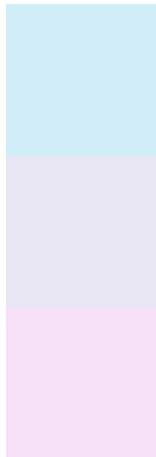
This preview shows how white text looks on a background with the XYZ color 73.3672, 80.8391,

99.7323.

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

73.3672, 80.8391, 99.7323

Protanopia

78.0787, 80.3883, 96.1953

Deuteranopia

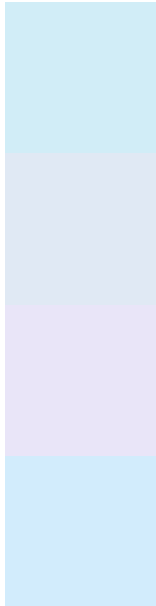
82.0301, 80.2828, 100.7952



Tritanopia

74.6238, 80.9125, 106.2923

Trichromacy



Original Color

73.3672, 80.8391, 99.7323

Protanomaly

76.2085, 80.6568, 97.1396

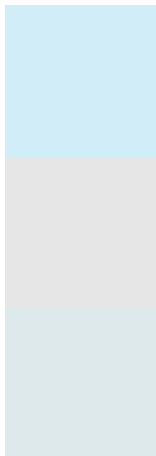
Deuteranomaly

78.5669, 80.1396, 100.1345

Tritanomaly

74.1445, 80.7208, 103.7683

Monochromacy



Original Color

73.3672, 80.8391, 99.7323

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4034, 79.8636, 90.8506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3672, 80.8391, 99.7323 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(209, 237, 247)` looks like.

```
.text, #text, p{  
    color:rgb(209, 237, 247)  
}
```

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(209, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 237, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.3672, 80.8391, 99.7323 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(209, 237, 247) }
```


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

```
.border{ border-color:rgb(209, 237, 247) }
```

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

Here you see how a box with a 4 pixel rgb(209, 237, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(209, 237,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3672, 80.8391, 99.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 237, 247) }
```

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

```
.background{ background-color: rgb(209,  
237, 247) }
```

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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