

Converting Colors

XYZ(75.9339, 84.5583, 99.6862)

Have a look what the booklet for
XYZ(75.9339, 84.5583, 99.6862)
contains.

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Color

**XYZ(75.8273, 84.3042,
99.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F2F6
RGB	213, 242, 246
RGB Percent	84%, 95%, 96%
CMY	0.1647, 0.0510, 0.0353
CMYK	0.13, 0.02, 0.00, 0.04
HSL	187°, 65%, 90%
HSV	187°, 13%, 96%
XYZ	75.8273, 84.3042, 99.4646
YIQ	233.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

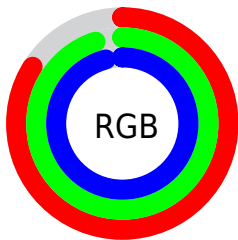
Format	Color
R _Y B	213, 228, 246
Decimal	14021366
CIE Lab	93.58, -8.61, -5.12
CIE LCh	94, 10.017, 210.761
Yxy	84.3042, 0.2921, 0.3248
Android (android.graphics.Color)	4292211446 (0xFFD5F2F6)
YUV	233.7850, 6.0220, -18.2284
Hunter-Lab	91.8173, -13.2661, 0.0440

Details

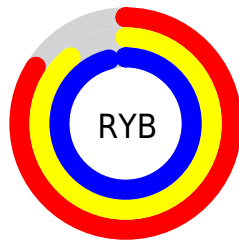
The XYZ color **75.8273, 84.3042, 99.4646** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8298, 74.0226, 73.2963**, and the grayscale version is **78.0121, 82.0748, 89.3795**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9537, 46.1046, 55.4558** is the 20% darker color. If you saturate the color by 10%, you get **68.3471, 79.1445, 98.8643**, and if you desaturate by 10%, it is **84.4091, 90.0578, 100.1242**.

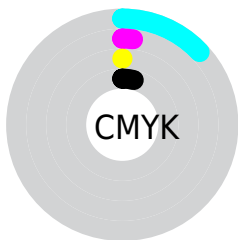
Distribution



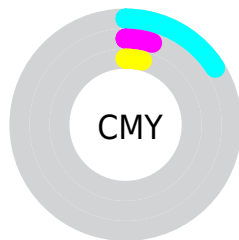
- Red (84%)
- Green (95%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8273, 84.3042, 99.4646 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 75.8273, 84.3042, 99.4646 by changing the saturation by 10% instead.

75.8273, 84.3042,
99.4646

75.8273, 84.3042,
99.4646

469.7098,
509.3229, 579.7068

56.5875, 63.2666,
75.2391

126.4644,
139.4006, 162.4667

40.9130, 46.0569,
55.3059

158.5924,
174.2283, 202.0803

28.4385, 32.2908,
39.2464

195.7472,
214.4214, 247.6604

18.7986, 21.5837,
26.6422

238.2940,
260.3644, 299.6255

11.6280, 13.5513,
17.0746

286.5984,
312.4416, 358.3942

6.5613, 7.8093,
10.1252

341.0255,

3.2331, 3.9731,

371.0375, 424.3849

5.3753

401.9409,
436.5365, 498.0163

■ 1.2782, 1.6586,
2.4066

■ 0.1668, 0.3966,
0.7900

■ 75.8273, 84.3042,
99.4646

■ 75.8273, 84.3042,
99.4646

■ 68.3471, 79.1445,
98.8643

■ 84.4091, 90.0578,
100.1242

■ 61.9126, 74.5430,
98.3152

■ 91.4311, 95.0265,
100.7131

■ 56.4739, 70.4760,
97.8169

■ 92.3543, 96.8728,
101.0209

■ 51.9740, 66.9142,
97.3665

■ 93.2921, 98.7484,
101.3335

■ 48.3501, 63.8250,
96.9613

■ 93.6348, 99.4339,
101.4477

■ 45.5317, 61.1721,
96.5977

■ 43.4373, 58.9131,
96.2721

■ 41.9675, 56.9969,
95.9797

■ 41.2440, 55.8722,
95.8008

Harmonies

Analogous

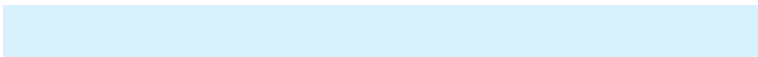
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1385, 84.3042, 91.9870



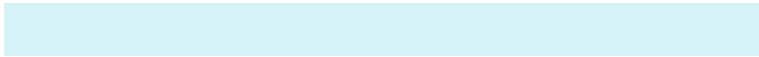
75.8273, 84.3042, 99.4646



77.6642, 84.3042, 105.1313

Triad

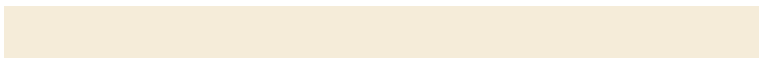
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8273, 84.3042, 99.4646



84.6598, 84.3042, 99.1106



80.0609, 84.3042, 77.9545

Complementary

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



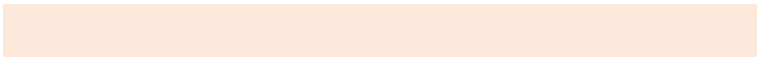
75.8273, 84.3042, 99.4646



74.8298, 74.0226, 73.2963

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.



82.6446, 84.3042, 79.6334



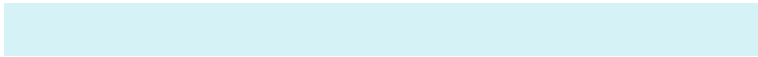
75.8273, 84.3042, 99.4646



85.3349, 84.3042, 91.5991

Square

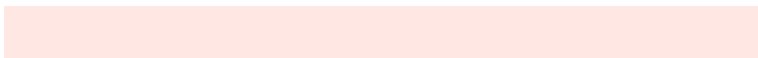
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8273, 84.3042, 99.4646



82.7644, 84.3042, 104.9191



84.5896, 84.3042, 84.5263



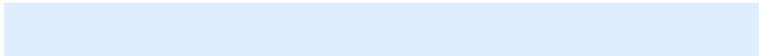
77.5494, 84.3042, 79.8100

Rectangle

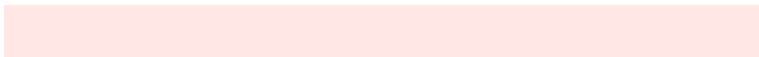
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8273, 84.3042, 99.4646



79.3129, 84.3042, 106.9708



84.5896, 84.3042, 84.5263



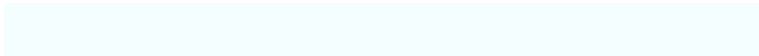
80.9499, 84.3042, 78.1233

Sweetspot

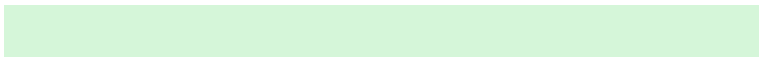
The Sweet Spot groups the original color and five complimentary colors.



75.8297, 84.3077, 99.4665



91.0036, 97.3309, 108.5981



72.9028, 85.0611, 78.1211



19.3204, 20.7279, 23.2325



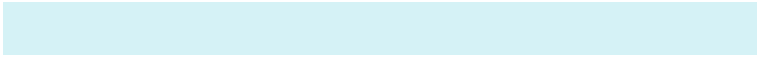
0.0000, 0.0000, 0.0000



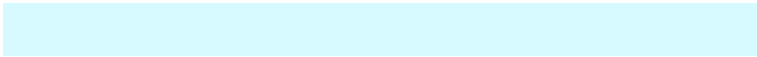
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8297, 84.3077, 99.4665



80.0438, 89.9539, 107.7518



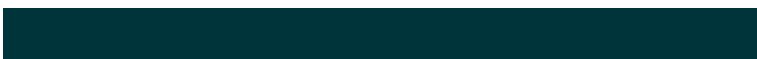
71.1780, 75.0042, 97.9159



16.8154, 18.3951, 21.2069



22.0838, 29.9613, 51.1572



1.9882, 2.7279, 4.5120

Inverse Universe

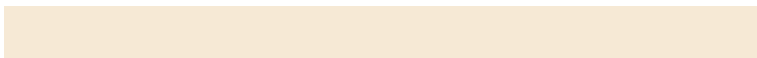
The Inverse Universe completely reimagines the original color for something new.



77.8293, 73.5940, 94.1114



82.6017, 76.3602, 100.8761



79.2558, 82.8747, 74.7716



17.1221, 16.7317, 20.3898



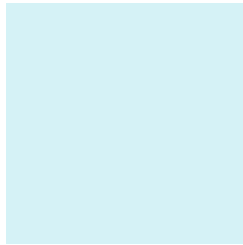
26.9514, 13.1240, 36.0479



2.3926, 1.1630, 3.2939

Previews

White Background



This preview shows how the XYZ color 75.8273, 84.3042, 99.4646 looks on a white background.

Color Contrast Check

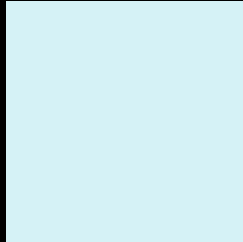
Large Text (above 18pt) WCAG AA × Fail

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 75.8273, 84.3042, 99.4646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

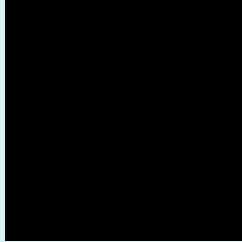
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8273, 84.3042, 99.4646

Background



This preview shows how black text looks on a background with the XYZ color 75.8273, 84.3042, 99.4646.



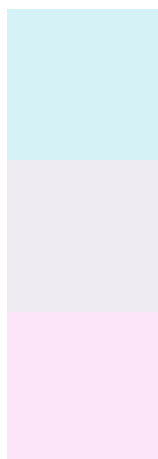
This preview shows how white text looks on a background with the XYZ color 75.8273, 84.3042,

99.4646.

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

75.8273, 84.3042, 99.4646

Protanopia

81.3319, 84.1782, 95.9658

Deuteranopia

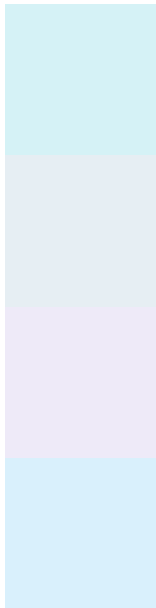
85.6262, 83.7608, 101.2770



Tritanopia

78.1299, 84.0131, 106.7060

Trichromacy



Original Color

75.8273, 84.3042, 99.4646

Protanomaly

79.3853, 84.4431, 96.9091

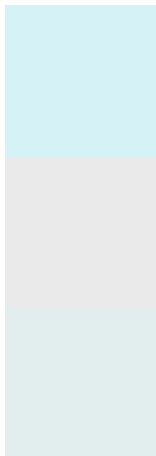
Deuteranomaly

81.6260, 83.8001, 100.6798

Tritanomaly

77.3460, 84.1002, 104.2518

Monochromacy



Original Color

75.8273, 84.3042, 99.4646

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0808, 82.9102, 92.8296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8273, 84.3042, 99.4646 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(213, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 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(213, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.8273, 84.3042, 99.4646 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(213, 242, 246) }
```


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

```
.border{ border-color:rgb(213, 242, 246) }
```

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

Here you see how a box with a 4 pixel rgb(213, 242, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8273, 84.3042, 99.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 246) }
```

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

```
.background{ background-color: rgb(213,  
242, 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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