

Converting Colors

XYZ(76.1720, 84.9407, 99.3511)

Have a look what the booklet for
XYZ(76.1720, 84.9407, 99.3511)
contains.

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Color

**XYZ(76.1257, 84.9011,
99.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F3F6
RGB	213, 243, 246
RGB Percent	84%, 95%, 96%
CMY	0.1647, 0.0470, 0.0353
CMYK	0.13, 0.01, 0.00, 0.04
HSL	185°, 65%, 90%
HSV	185°, 13%, 96%
XYZ	76.1257, 84.9011, 99.5641
YIQ	234.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

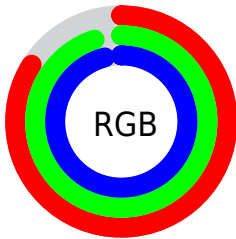
Format	Color
R _{YB}	213, 229, 246
Decimal	14021622
CIE Lab	93.84, -9.11, -4.74
CIE LCh	94, 10.273, 207.498
Yxy	84.9011, 0.2921, 0.3258
Android (android.graphics.Color)	4292211702 (0xFFD5F3F6)
YUV	234.3720, 5.7326, -18.7432
Hunter-Lab	92.1418, -13.7750, 0.4333

Details

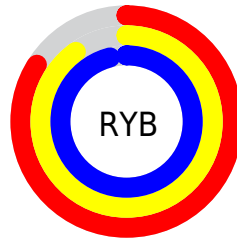
The XYZ color **76.1257, 84.9011, 99.5641** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5727, 73.5085, 73.2104**, and the grayscale version is **78.4587, 82.5446, 89.8911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1651, 46.5275, 55.5263** is the 20% darker color. If you saturate the color by 10%, you get **68.8607, 80.1717, 99.0355**, and if you desaturate by 10%, it is **84.4861, 90.2118, 100.1499**.

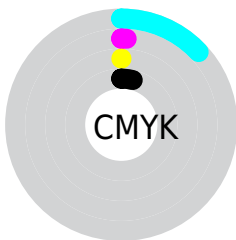
Distribution



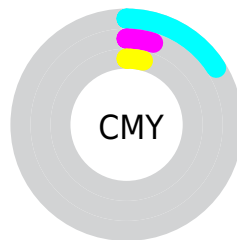
- Red (84%)
- Green (95%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1257, 84.9011, 99.5641 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 76.1257, 84.9011, 99.5641 by changing the saturation by 10% instead.

76.1257, 84.9011,
99.5641

76.1257, 84.9011,
99.5641

470.7157,
511.3008, 580.0290

56.8330, 63.7597,
75.3217

126.8840,
140.2350, 162.6047

41.1108, 46.4560,
55.3732

159.0803,
175.1962, 202.2399

28.5937, 32.6058,
39.2999

196.3085,
215.5329, 247.8432

18.9164, 21.8247,
26.6835

238.9340,
261.6293, 299.8331

11.7136, 13.7281,
17.1053

287.3221,
313.8699, 358.6280

6.6197, 7.9318,
10.1469

341.8381,

3.2697, 4.0514,

372.6391, 424.6466

5.3896

402.8476,
438.3212, 498.3074

■ 1.2979, 1.7023,
2.4149

■ 0.1817, 0.4252,
0.7945

■ 76.1257, 84.9011,
99.5641

■ 76.1257, 84.9011,
99.5641

■ 68.8607, 80.1717,
99.0355

■ 84.4861, 90.2118,
100.1499

■ 62.6350, 75.9878,
98.5560

■ 91.2804, 94.7250,
100.6629

■ 57.3989, 72.3261,
98.1252

■ 91.9694, 96.1030,
100.8926

■ 53.0954, 69.1571,
97.7404

■ 92.6666, 97.4974,
101.1250

■ 49.6618, 66.4484,
97.3985

■ 93.3720, 98.9084,
101.3601

■ 47.0276, 64.1637,
97.0964

■ 93.6348, 99.4339,
101.4477

■ 45.1112, 62.2609,
96.8301

■ 43.8134, 60.6888,
96.5950

■ 43.2000, 59.7842,
96.4528

Harmonies

Analogous

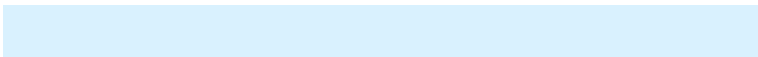
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5611, 84.9011, 91.7877



76.1257, 84.9011, 99.5641



77.9063, 84.9011, 105.7194

Triad

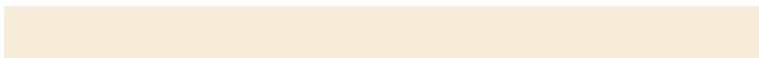
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1257, 84.9011, 99.5641



85.2075, 84.9011, 100.7641



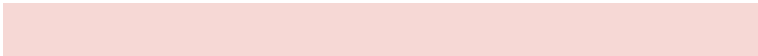
80.9255, 84.9011, 78.2134

Complementary

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



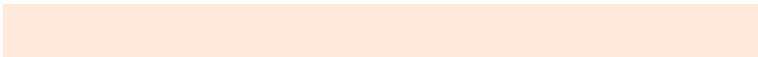
76.1257, 84.9011, 99.5641



74.5727, 73.5085, 73.2104

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.



83.5515, 84.9011, 80.3272



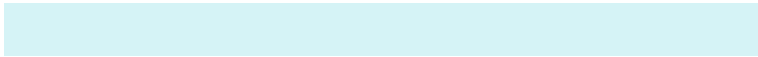
76.1257, 84.9011, 99.5641



86.0583, 84.9011, 93.1012

Square

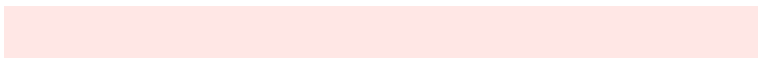
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1257, 84.9011, 99.5641



83.1456, 84.9011, 106.4393



85.4455, 84.9011, 85.6696



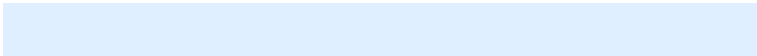
78.2949, 84.9011, 79.7306

Rectangle

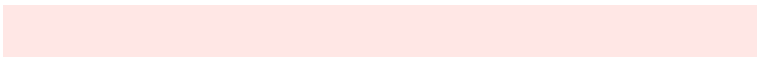
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



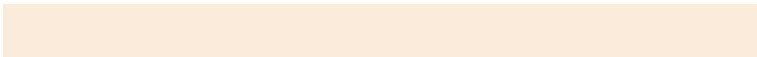
76.1257, 84.9011, 99.5641



79.5642, 84.9011, 107.9212



85.4455, 84.9011, 85.6696



81.8384, 84.9011, 78.5201

Sweetspot

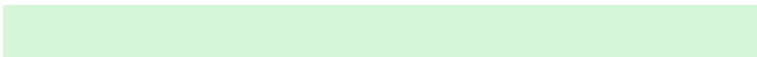
The Sweet Spot groups the original color and five complimentary colors.



76.1282, 84.9046, 99.5660



91.1017, 97.5270, 108.6308



72.7602, 85.0041, 77.3705



19.3453, 20.7777, 23.2408



0.0000, 0.0000, 0.0000



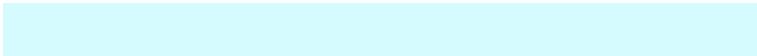
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1282, 84.9046, 99.5660



80.4294, 90.7251, 107.8804



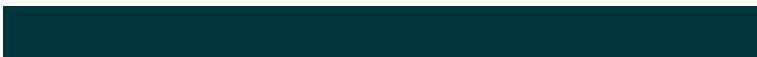
71.4773, 75.6030, 98.0157



16.8605, 18.4853, 21.2219



23.1127, 32.0192, 51.5002



2.0683, 2.8880, 4.5387

Inverse Universe

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



77.9799, 73.6541, 94.9047



82.7964, 76.4381, 101.9010



78.9447, 82.2525, 74.6678



17.1449, 16.7408, 20.5097



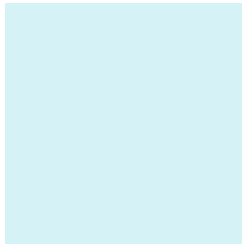
27.4707, 13.3317, 38.7828



2.4330, 1.1792, 3.5068

Previews

White Background



This preview shows how the XYZ color 76.1257, 84.9011, 99.5641 looks on a white background.

Color Contrast Check

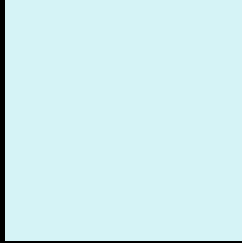
Large Text (above 18pt) WCAG AA × Fail

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 76.1257, 84.9011, 99.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

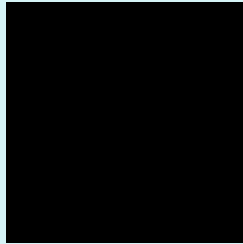
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1257, 84.9011, 99.5641

Background



This preview shows how black text looks on a background with the XYZ color 76.1257, 84.9011, 99.5641.



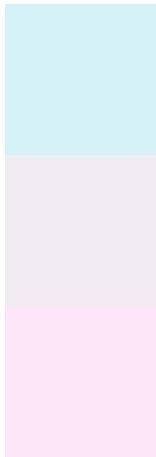
This preview shows how white text looks on a background with the XYZ color 76.1257, 84.9011,

99.5641.

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

76.1257, 84.9011, 99.5641

Protanopia

81.9576, 84.9270, 96.0773

Deuteranopia

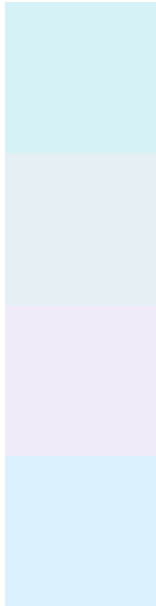
86.2687, 84.5040, 101.3866



Tritanopia

79.0289, 84.9123, 106.8322

Trichromacy



Original Color

76.1257, 84.9011, 99.5641

Protanomaly

79.6773, 85.0271, 97.0064

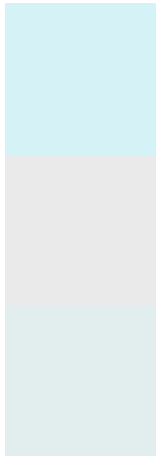
Deuteranomaly

82.2482, 84.5447, 100.7907

Tritanomaly

77.9394, 84.8443, 104.3642

Monochromacy



Original Color

76.1257, 84.9011, 99.5641

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 76.1257, 84.9011, 99.5641 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, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 243, 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, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 243, 246) }
```

Border

The CSS property to change the border of an element to XYZ 76.1257, 84.9011, 99.5641 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, 243, 246) }
```


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

```
.border{ border-color:rgb(213, 243, 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, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 243,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1257, 84.9011, 99.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 243, 246) }
```

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

```
.background{ background-color: rgb(213,  
243, 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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