

Converting Colors

XYZ(76.0201, 84.1550,
103.4360)

Have a look what the booklet for
XYZ(76.0201, 84.1550, 103.4360)
contains.

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Color

**XYZ(76.0287, 84.3182,
103.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F2FB
RGB	211, 242, 251
RGB Percent	83%, 95%, 98%
CMY	0.1725, 0.0510, 0.0157
CMYK	0.16, 0.04, 0.00, 0.02
HSL	193°, 83%, 91%
HSV	193°, 16%, 98%
XYZ	76.0287, 84.3182, 103.5347
YIQ	233.7570, -21.3650, -3.7730

Conversions

Conversions Part 2

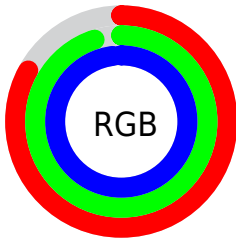
Format	Color
R_{YB}	211, 228, 251
Decimal	13890299
CIE _{Lab}	93.59, -8.22, -7.72
CIE _{LCh}	94, 11.283, 223.208
Yxy	84.3182, 0.2881, 0.3195
Android (android.graphics.Color)	4292080379 (0xFFD3F2FB)
YUV	233.7570, 8.5008, -19.9579
Hunter-Lab	91.8249, -12.9002, -2.5734

Details

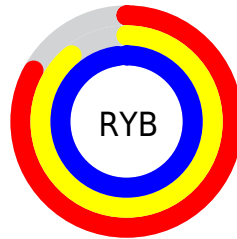
The XYZ color **76.0287, 84.3182, 103.5347** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.1354, 76.3987, 72.3106**, and the grayscale version is **77.9744, 82.0351, 89.3362**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1195, 46.1259, 58.3657** is the 20% darker color. If you saturate the color by 10%, you get **67.7379, 77.5902, 102.6744**, and if you desaturate by 10%, it is **85.4991, 91.7357, 104.4686**.

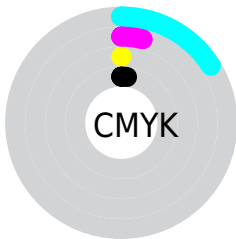
Distribution



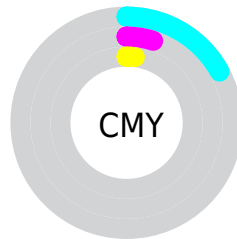
- Red (83%)
- Green (95%)
- Blue (98%)



- Red (83%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0287, 84.3182, 103.5347 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 76.0287, 84.3182, 103.5347 by changing the saturation by 10% instead.

76.0287, 84.3182,
103.5347

76.0287, 84.3182,
103.5347

470.3888,
509.3693, 592.8100

56.7532, 63.2782,
78.6225

126.7476,
139.4202, 168.1003

41.0465, 46.0663,
58.0660

158.9217,
174.2510, 208.5909

28.5432, 32.2981,
41.4467

196.1261,
214.4475, 255.1113

18.8781, 21.5893,
28.3459

238.7260,
260.3940, 308.0800

11.6857, 13.5555,
18.3453

287.0869,
312.4751, 367.9158

6.6007, 7.8121,
11.0262

341.5741,

3.2578, 3.9750,

371.0751, 435.0370

5.9700

402.5529,
436.5784, 509.8622

■ 1.2915, 1.6596,
2.7584

■ 0.1768, 0.3973,
0.9726

■ 76.0287, 84.3182,
103.5347

■ 76.0287, 84.3182,
103.5347

■ 67.7379, 77.5902,
102.6744

■ 85.4991, 91.7357,
104.4686

■ 60.5669, 71.5136,
101.8794

■ 93.8717, 98.6628,
105.3644

■ 54.4616, 66.0620,
101.1490

■ 94.4128, 99.7451,
105.5448

■ 49.3605, 61.2030,
100.4799

■ 45.1952, 56.9007,
99.8690

■ 41.8888, 53.1146,
99.3125

■ 39.3512, 49.7976,
98.8060

■ 37.4708, 46.8914,
98.3442

■ 36.8266, 45.7926,
98.1660

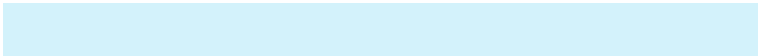
Harmonies

Analogous

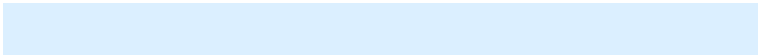
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6802, 84.3182, 95.6173



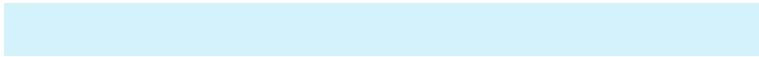
76.0287, 84.3182, 103.5347



78.4943, 84.3182, 108.4705

Triad

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



76.0287, 84.3182, 103.5347



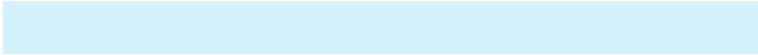
85.7663, 84.3182, 96.6421



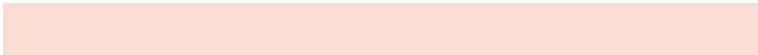
78.8370, 84.3182, 76.7096

Complementary

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



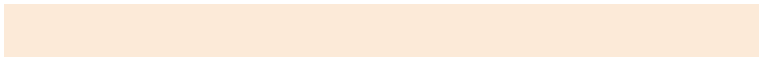
76.0287, 84.3182, 103.5347



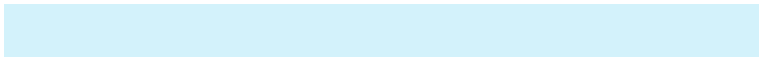
77.1354, 76.3987, 72.3106

Split Complementary

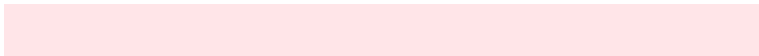
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8125, 84.3182, 76.9460



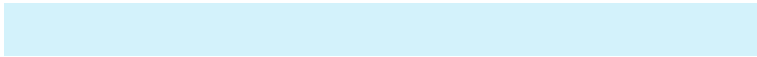
76.0287, 84.3182, 103.5347



85.8636, 84.3182, 88.1016

Square

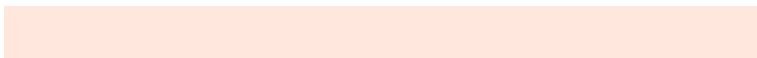
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



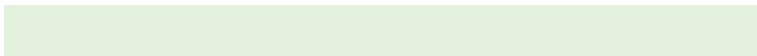
76.0287, 84.3182, 103.5347



84.1382, 84.3182, 104.3249



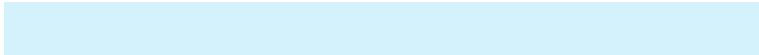
84.4009, 84.3182, 81.0023



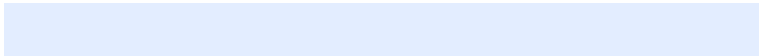
76.2742, 84.3182, 80.3349

Rectangle

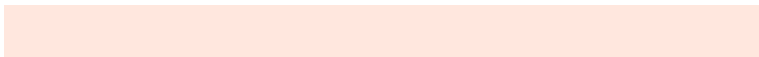
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0287, 84.3182, 103.5347



80.4637, 84.3182, 109.2273



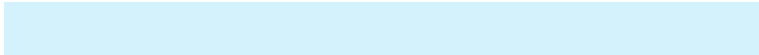
84.4009, 84.3182, 81.0023



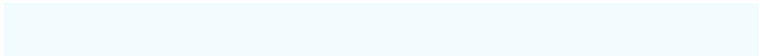
79.8210, 84.3182, 76.3471

Sweetspot

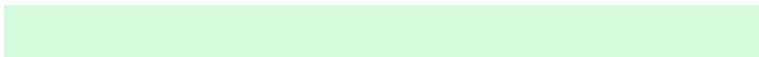
The Sweet Spot groups the original color and five complimentary colors.



76.0312, 84.3217, 103.5366



89.6058, 95.8454, 108.3850



74.2368, 87.9944, 80.5524



19.0211, 20.3931, 23.1837



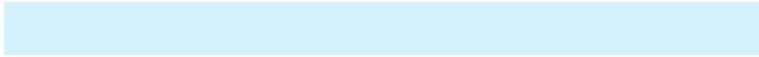
0.0000, 0.0000, 0.0000



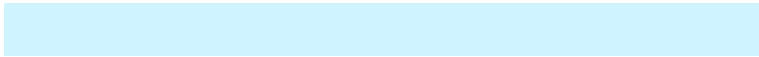
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0312, 84.3217, 103.5366



76.0382, 85.1839, 107.0422



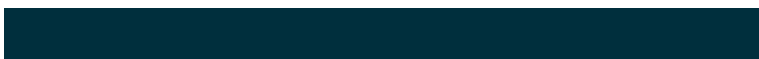
70.4880, 73.2354, 101.6889



17.4153, 18.9074, 22.1169



19.4715, 24.2985, 51.6374



1.8817, 2.4071, 4.8086

Inverse Universe

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



79.1069, 73.5104, 94.0280



79.7887, 72.2058, 95.4015



82.6050, 87.3380, 74.1338



17.8162, 17.4538, 20.8877



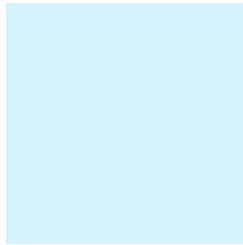
26.1203, 12.8639, 28.4057



2.4587, 1.2072, 2.8390

Previews

White Background



This preview shows how the XYZ color 76.0287, 84.3182, 103.5347 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 76.0287, 84.3182, 103.5347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

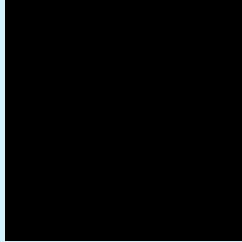
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0287, 84.3182, 103.5347

Background



This preview shows how black text looks on a background with the XYZ color 76.0287, 84.3182, 103.5347.

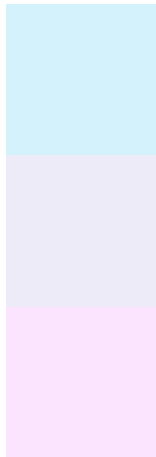


This preview shows how white text looks on a background with the XYZ color 76.0287, 84.3182,

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

76.0287, 84.3182, 103.5347

Protanopia

81.4219, 84.1366, 99.9443

Deuteranopia

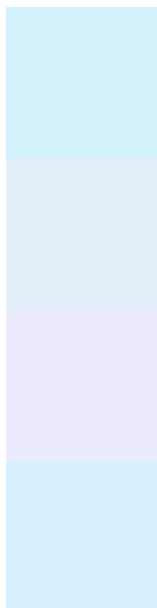
85.6924, 83.7036, 105.4059



Tritanopia

78.1235, 84.4456, 106.7898

Trichromacy



Original Color

76.0287, 84.3182, 103.5347

Protanomaly

79.5127, 84.4204, 100.9109

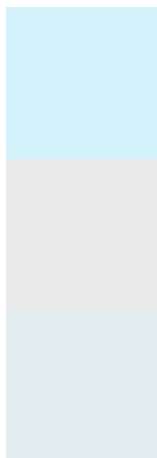
Deuteranomaly

81.7445, 83.7704, 104.7894

Tritanomaly

77.3690, 84.5134, 106.0009

Monochromacy



Original Color

76.0287, 84.3182, 103.5347

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3764, 83.0284, 94.3860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0287, 84.3182, 103.5347 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(211, 242, 251)` looks like.

```
.text, #text, p{  
    color:rgb(211, 242, 251)  
}
```

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(211, 242, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 242, 251) }
```

Border

The CSS property to change the border of an element to XYZ 76.0287, 84.3182, 103.5347 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(211, 242, 251) }
```


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

```
.border{ border-color:rgb(211, 242, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 242, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 242, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 242, 251);  
box-shadow:4px 4px 4px 4px rgb(211, 242,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0287, 84.3182, 103.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 242, 251) }
```

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

```
.background{ background-color: rgb(211,  
242, 251) }
```

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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