

Converting Colors

XYZ(76.2297, 83.2018,
102.7339)

Have a look what the booklet for
XYZ(76.2297, 83.2018, 102.7339)
contains.

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Color

**XYZ(76.1462, 83.0822,
102.4656)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EFFA
RGB	215, 239, 250
RGB Percent	84%, 94%, 98%
CMY	0.1569, 0.0627, 0.0196
CMYK	0.14, 0.04, 0.00, 0.02
HSL	199°, 78%, 91%
HSV	199°, 14%, 98%
XYZ	76.1462, 83.0822, 102.4656
YIQ	233.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

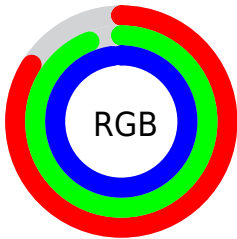
Format	Color
R _Y B	215, 229, 250
Decimal	14151674
CIE Lab	93.05, -5.67, -7.97
CIE LCh	93, 9.781, 234.605
Yxy	83.0822, 0.2910, 0.3175
Android (android.graphics.Color)	4292341754 (0xFFD7E9FA)
YUV	233.0780, 8.3425, -15.8544
Hunter-Lab	91.1494, -10.3927, -2.8462

Details

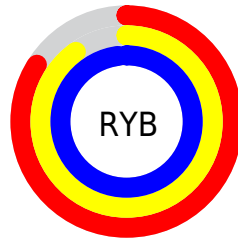
The XYZ color **76.1462, 83.0822, 102.4656** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.8871, 79.6229, 75.5027**, and the grayscale version is **77.4616, 81.4957, 88.7488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1683, 45.2356, 57.6005** is the 20% darker color. If you saturate the color by 10%, you get **67.1093, 75.0856, 101.3997**, and if you desaturate by 10%, it is **86.4096, 91.8639, 103.6210**.

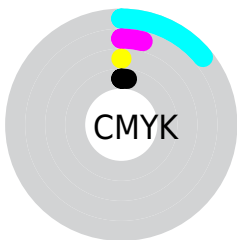
Distribution



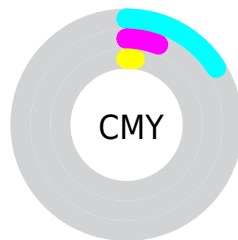
- Red (84%)
- Green (94%)
- Blue (98%)



- Red (84%)
- Yellow (90%)
- Blue (98%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1462, 83.0822, 102.4656 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 76.1462, 83.0822, 102.4656 by changing the saturation by 10% instead.

■ 76.1462, 83.0822,
102.4656

■ 76.1462, 83.0822,
102.4656

470.7847,
505.2604, 589.3831

■ 56.8499, 62.2580,
77.7329

126.9128,
137.6906, 166.6227

■ 41.1244, 45.2412,
57.3395

159.1138,
172.2435, 206.8842

■ 28.6044, 31.6474,
40.8667

196.3470,
212.1415, 253.1591

■ 18.9245, 21.0923,
27.8960

238.9779,
257.7689, 305.8660

■ 11.7194, 13.1915,
18.0089

287.3718,
309.5100, 365.4232

■ 6.6238, 7.5606,
10.7869

341.8939,

■ 3.2722, 3.8151,

367.7494, 432.2495

5.8114

402.9098,
432.8714, 506.7632

■ 1.2993, 1.5707,
2.6638

■ 0.1827, 0.3377,
0.9251

■ 76.1462, 83.0822,
102.4656

■ 76.1462, 83.0822,
102.4656

■ 67.1093, 75.0856,
101.3997

■ 86.4096, 91.8639,
103.6210

■ 59.2397, 67.8350,
100.4150

■ 94.1647, 99.5005,
104.6863

■ 52.4838, 61.3033,
99.5103

■ 94.2556, 99.6822,
104.7166

■ 46.7810, 55.4570,
98.6824

■ 42.0641, 50.2597,
97.9279

■ 38.2579, 45.6707,
97.2427

■ 35.2754, 41.6429,
96.6225

■ 33.0104, 38.1194,
96.0617

■ 31.9041, 36.1992,
95.7494

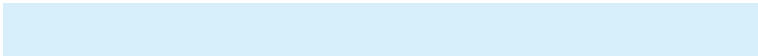
Harmonies

Analogous

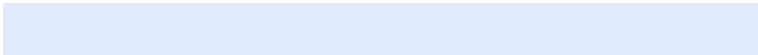
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5695, 83.0822, 96.4685



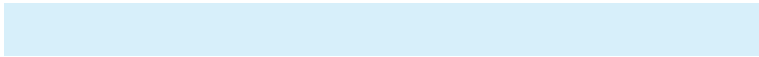
76.1462, 83.0822, 102.4656



78.5045, 83.0822, 105.2579

Triad

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



76.1462, 83.0822, 102.4656



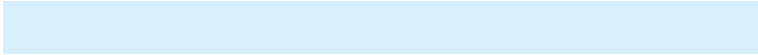
83.9771, 83.0822, 91.7963



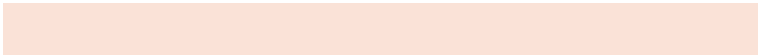
76.9325, 83.0822, 78.2242

Complementary

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



76.1462, 83.0822, 102.4656



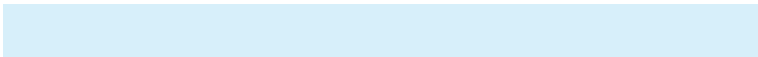
78.8871, 79.6229, 75.5027

Split Complementary

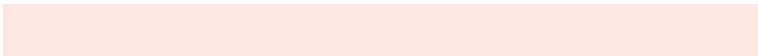
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4316, 83.0822, 77.1227



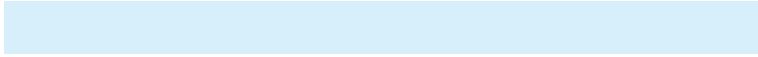
76.1462, 83.0822, 102.4656



83.5343, 83.0822, 84.7109

Square

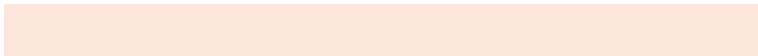
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



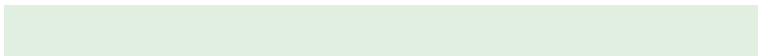
76.1462, 83.0822, 102.4656



83.0540, 83.0822, 98.8884



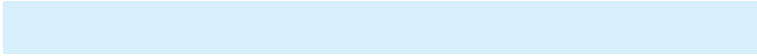
81.8569, 83.0822, 79.4352



75.0165, 83.0822, 82.5292

Rectangle

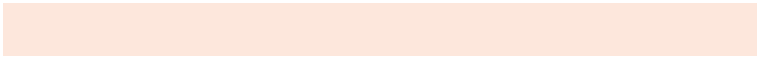
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1462, 83.0822, 102.4656



80.2166, 83.0822, 104.8231



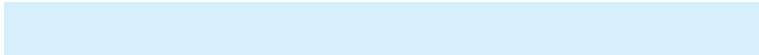
81.8569, 83.0822, 79.4352



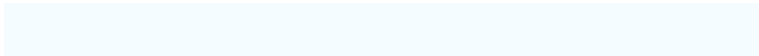
77.7307, 83.0822, 77.4771

Sweetspot

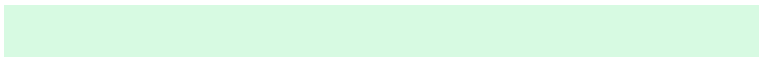
The Sweet Spot groups the original color and five complimentary colors.



76.1486, 83.0857, 102.4675



90.3826, 96.0888, 108.3911



75.8704, 88.2834, 84.6355



19.1628, 20.4128, 23.1800



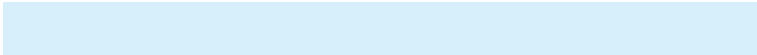
0.0000, 0.0000, 0.0000



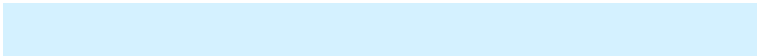
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1486, 83.0857, 102.4675



76.6684, 84.3007, 106.8385



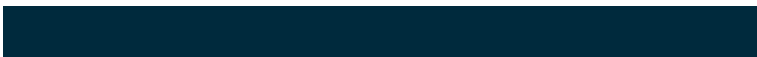
71.4026, 73.5935, 100.8854



17.2789, 18.6347, 22.0714



17.0573, 19.4702, 50.8327



1.6746, 1.9930, 4.7396

Inverse Universe

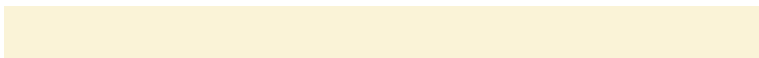
The Inverse Universe completely reimagines the original color for something new.



79.3067, 75.1588, 91.9924



80.6300, 74.5457, 93.6558



83.7421, 89.3330, 77.1210



17.7473, 17.4263, 20.5251



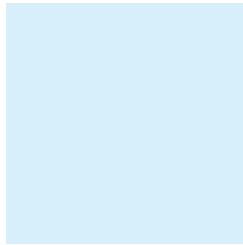
24.9018, 12.3764, 21.9889



2.3542, 1.1654, 2.2887

Previews

White Background



This preview shows how the XYZ color 76.1462, 83.0822, 102.4656 looks on a white background.

Color Contrast Check

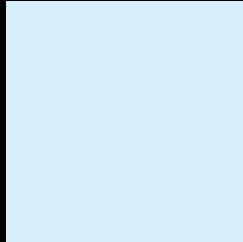
Large Text (above 18pt) WCAG AA × Fail

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 76.1462, 83.0822, 102.4656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

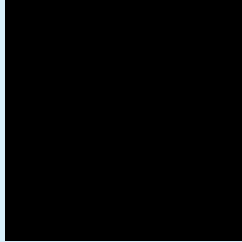
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

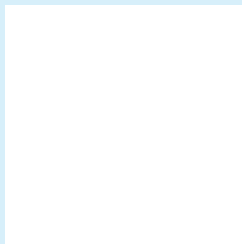
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1462, 83.0822, 102.4656

Background



This preview shows how black text looks on a background with the XYZ color 76.1462, 83.0822, 102.4656.

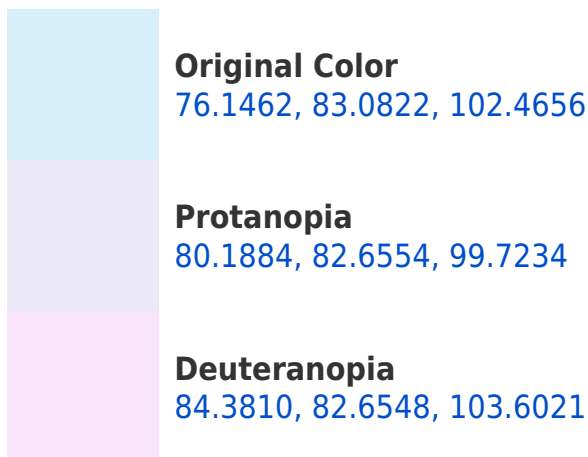


This preview shows how white text looks on a background with the XYZ color 76.1462, 83.0822,

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

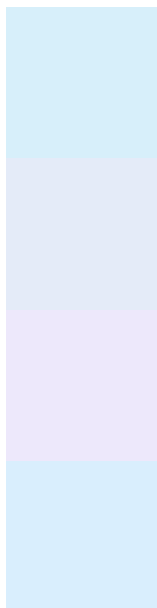




Tritanopia

77.5380, 83.2745, 106.5946

Trichromacy



Original Color

76.1462, 83.0822, 102.4656

Protanomaly

78.6465, 82.6880, 100.6222

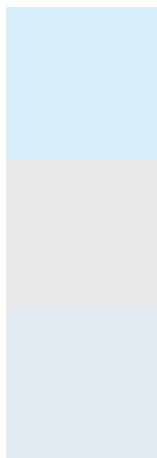
Deuteranomaly

81.1943, 82.6828, 102.9468

Tritanomaly

76.9194, 82.9926, 104.8936

Monochromacy



Original Color

76.1462, 83.0822, 102.4656

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6523, 81.8174, 93.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1462, 83.0822, 102.4656 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(215, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(215, 239, 250)  
}
```

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(215, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 239, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.1462, 83.0822, 102.4656 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(215, 239, 250) }
```


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

```
.border{ border-color:rgb(215, 239, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 239, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(215, 239,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1462, 83.0822, 102.4656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 239, 250) }
```

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

```
.background{ background-color: rgb(215,  
239, 250) }
```

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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