

Converting Colors

XYZ(76.4044, 85.6629, 91.8645)

Have a look what the booklet for
XYZ(76.4044, 85.6629, 91.8645)
contains.

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Color

**XYZ(76.4044, 85.6629,
91.8645)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF4EC
RGB	218, 244, 236
RGB Percent	85%, 96%, 93%
CMY	0.1451, 0.0431, 0.0745
CMYK	0.11, 0.00, 0.03, 0.04
HSL	162°, 54%, 91%
HSV	162°, 11%, 96%
XYZ	76.4044, 85.6629, 91.8645
YIQ	235.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

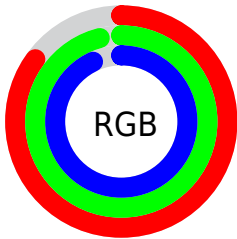
Format	Color
R _{YB}	218, 233, 244
Decimal	14349548
CIE Lab	94.17, -9.96, 0.96
CIE LCh	94, 10.004, 174.491
Yxy	85.6629, 0.3009, 0.3373
Android (android.graphics.Color)	4292539628 (0xFFDAF4EC)
YUV	235.3140, 0.3382, -15.1844
Hunter-Lab	92.5543, -14.6165, 5.9398

Details

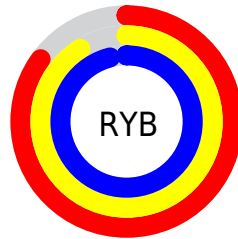
The XYZ color **76.4044, 85.6629, 91.8645** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1101, 74.8690, 82.3951**, and the grayscale version is **79.2114, 83.3365, 90.7535**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3257, 47.0483, 50.0831** is the 20% darker color. If you saturate the color by 10%, you get **68.5701, 81.7500, 85.9223**, and if you desaturate by 10%, it is **85.3636, 90.1551, 98.1025**.

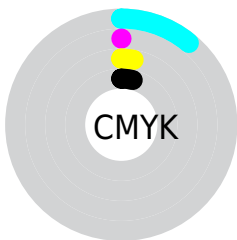
Distribution



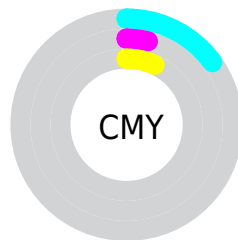
- Red (85%)
- Green (96%)
- Blue (93%)



- Red (85%)
- Yellow (91%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4044, 85.6629, 91.8645 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 76.4044, 85.6629, 91.8645 by changing the saturation by 10% instead.

76.4044, 85.6629,
91.8645

76.4044, 85.6629,
91.8645

471.6540,
513.8190, 554.8033

57.0624, 64.3893,
68.9457

127.2757,
141.2990, 151.8836

41.2957, 46.9660,
50.1960

159.5357,
176.4302, 189.8211

28.7389, 33.0088,
35.1969

196.8324,
216.9494, 233.6017

19.0267, 22.1332,
23.5298

239.5312,
263.2410, 283.6443

11.7937, 13.9548,
14.7762

287.9974,
315.6894, 340.3671

6.6745, 8.0892,
8.5176

342.5964,

3.3039, 4.1521,

374.6789, 404.1889

4.3354

403.6935,
440.5940, 475.5281

■ 1.3164, 1.7590,
1.8111

■ 0.1955, 0.4614,
0.4353

■ 76.4044, 85.6629,
91.8645

■ 76.4044, 85.6629,
91.8645

■ 68.5701, 81.7500,
85.9223

■ 85.3636, 90.1551,
98.1025

■ 61.8062, 78.3813,
80.2651

■ 91.0084, 92.9310,
104.4259

■ 56.0643, 75.5342,
74.8893

■ 91.6423, 93.1846,
107.7641

■ 51.2894, 73.1806,
69.7896

■ 47.4212, 71.2894,
64.9598

■ 44.3923, 69.8259,
60.3938

■ 42.1258, 68.7505,
56.0847

■ 40.5296, 68.0158,
52.0249

■ 39.5046, 67.5655,
48.4477

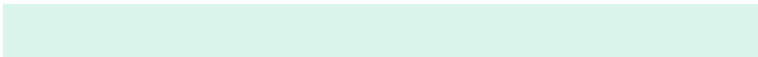
Harmonies

Analogous

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



77.3025, 85.6629, 84.9712



76.4044, 85.6629, 91.8645



76.8262, 85.6629, 99.5162

Triad

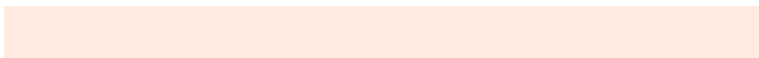
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4044, 85.6629, 91.8645



83.5720, 85.6629, 107.3374



84.4458, 85.6629, 81.7824

Complementary

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



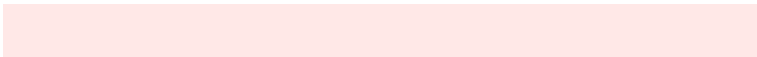
76.4044, 85.6629, 91.8645



76.1101, 74.8690, 82.3951

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.



86.1934, 85.6629, 87.2952



76.4044, 85.6629, 91.8645



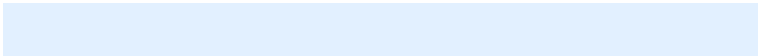
85.6813, 85.6629, 102.0972

Square

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



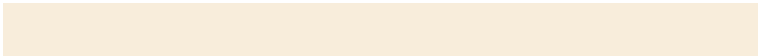
76.4044, 85.6629, 91.8645



80.9269, 85.6629, 108.7247



86.6505, 85.6629, 94.6945



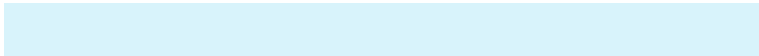
81.9151, 85.6629, 79.3581

Rectangle

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



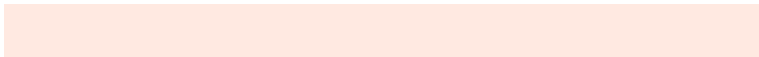
76.4044, 85.6629, 91.8645



77.8039, 85.6629, 103.9865



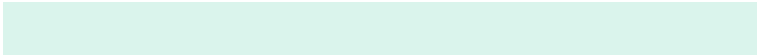
86.6505, 85.6629, 94.6945



85.1465, 85.6629, 83.3207

Sweetspot

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



76.4068, 85.6665, 91.8664



91.9145, 98.4271, 106.7865



76.4456, 85.9736, 78.8963



19.4983, 20.9796, 22.7369



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.



76.4068, 85.6665, 91.8664



82.2887, 93.6061, 99.9543



76.1801, 83.3101, 97.6576



16.7668, 18.6659, 20.0565



21.5433, 36.7622, 26.6787



1.9393, 3.2494, 2.5862

Inverse Universe

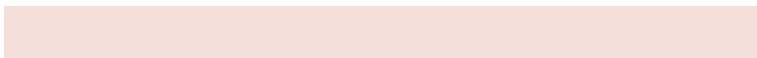
The Inverse Universe completely reimagines the original color for something new.



76.1101, 74.8690, 82.3951



81.8945, 79.2521, 87.3645



76.2912, 76.9481, 77.1624



16.7091, 16.5665, 18.2149



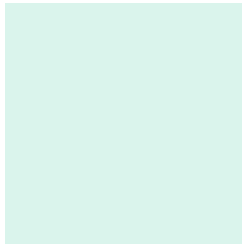
21.0321, 10.7563, 4.8773



1.8926, 0.9630, 0.6606

Previews

White Background



This preview shows how the XYZ color 76.4044, 85.6629, 91.8645 looks on a white background.

Color Contrast Check

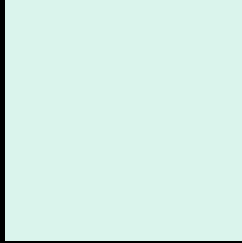
Large Text (above 18pt) WCAG AA × Fail

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 76.4044, 85.6629, 91.8645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

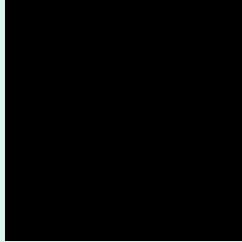
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

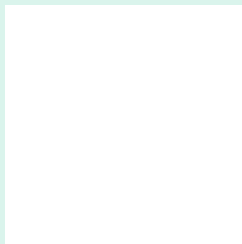
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4044, 85.6629, 91.8645

Background



This preview shows how black text looks on a background with the XYZ color 76.4044, 85.6629, 91.8645.



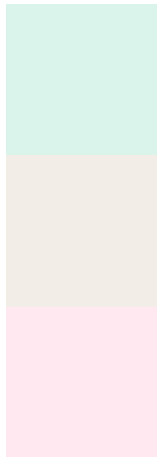
This preview shows how white text looks on a background with the XYZ color 76.4044, 85.6629,

91.8645.

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

76.4044, 85.6629, 91.8645

Protanopia

81.8118, 85.4493, 88.5253

Deuteranopia

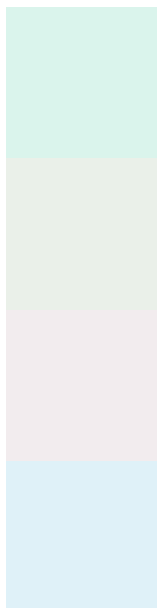
85.6766, 85.2052, 93.5920



Tritanopia

80.5741, 85.7089, 106.9045

Trichromacy



Original Color

76.4044, 85.6629, 91.8645

Protanomaly

79.7998, 85.6958, 89.4258

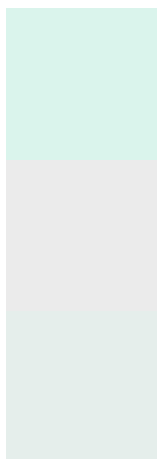
Deuteranomaly

82.0460, 85.0412, 92.9792

Tritanomaly

78.8300, 85.3759, 101.1313

Monochromacy



Original Color

76.4044, 85.6629, 91.8645

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.8830, 83.8052, 90.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4044, 85.6629, 91.8645 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(218, 244, 236)` looks like.

```
.text, #text, p{  
    color:rgb(218, 244, 236)  
}
```

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(218, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 244, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.4044, 85.6629, 91.8645 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(218, 244, 236) }
```


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

```
.border{ border-color:rgb(218, 244, 236) }
```

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

Here you see how a box with a 4 pixel rgb(218, 244, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(218, 244,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4044, 85.6629, 91.8645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 244, 236) }
```

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

```
.background{ background-color: rgb(218,  
244, 236) }
```

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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