

Converting Colors

XYZ(76.1513, 81.4272, 96.3523)

Have a look what the booklet for
XYZ(76.1513, 81.4272, 96.3523)
contains.

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Color

**XYZ(76.3174, 81.5757,
96.5173)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEBF3
RGB	223, 235, 243
RGB Percent	87%, 92%, 95%
CMY	0.1255, 0.0784, 0.0471
CMYK	0.08, 0.03, 0.00, 0.05
HSL	204°, 45%, 91%
HSV	204°, 8%, 95%
XYZ	76.3174, 81.5757, 96.5173
YIQ	232.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

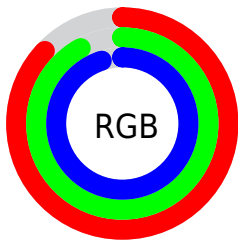
Format	Color
R _Y B	223, 231, 243
Decimal	14674931
CIE Lab	92.39, -2.46, -5.25
CIE LCh	92, 5.795, 244.894
Yxy	81.5757, 0.3000, 0.3206
Android (android.graphics.Color)	4292865011 (0xFFDFEBF3)
YUV	232.3240, 5.2633, -8.1771
Hunter-Lab	90.3193, -7.2309, -0.1352

Details

The XYZ color **76.3174, 81.5757, 96.5173** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.8576, 81.5336, 81.3947**, and the grayscale version is **76.9134, 80.9189, 88.1207**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2382, 44.1529, 53.3626** is the 20% darker color. If you saturate the color by 10%, you get **66.6556, 72.5797, 95.2914**, and if you desaturate by 10%, it is **87.2103, 91.4364, 97.8477**.

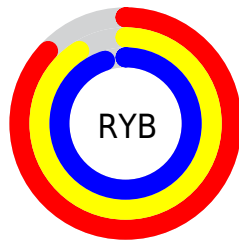
Distribution



Red (87%)

Green (92%)

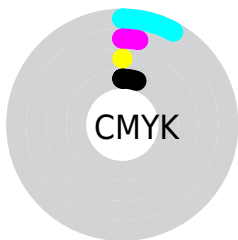
Blue (95%)



Red (87%)

Yellow (91%)

Blue (95%)

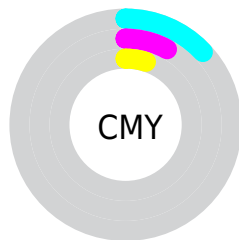


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3174, 81.5757, 96.5173 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 76.3174, 81.5757, 96.5173 by changing the saturation by 10% instead.

■ 76.3174, 81.5757,
96.5173

■ 76.3174, 81.5757,
96.5173

471.3612,
500.2273, 570.1191

■ 56.9908, 61.0159,
72.7946

127.1534,
135.5788, 158.3727

■ 41.2379, 44.2380,
53.3172

159.3936,
169.7909, 197.3425

■ 28.6935, 30.8576,
37.6666

196.6689,
209.3225, 242.2318

■ 18.9922, 20.4905,
25.4242

239.3448,
254.5580, 293.4591

■ 11.7686, 12.7521,
16.1715

287.7866,
305.8819, 351.4429

■ 6.6574, 7.2580,
9.4899

342.3597,

■ 3.2932, 3.6240,

363.6785, 416.6018

4.9610

403.4295,
428.3321, 489.3544

■ 1.3106, 1.4655,
2.1660

■ 0.1912, 0.2643,
0.6547

■ 76.3174, 81.5757,
96.5173

■ 76.3174, 81.5757,
96.5173

■ 66.6556, 72.5797,
95.2914

■ 87.2103, 91.4364,
97.8477

■ 58.1699, 64.4097,
94.1617

■ 92.9984, 98.8922,
98.9818

■ 50.8115, 57.0392,
93.1269

■ 93.1779, 99.2512,
99.0416

■ 44.5249, 50.4359,
92.1836

■ 39.2500, 44.5649,
91.3284

■ 34.9199, 39.3877,
90.5573

■ 31.4588, 34.8612,
89.8661

■ 28.7778, 30.9354,
89.2496

■ 26.7534, 27.5423,
88.7014

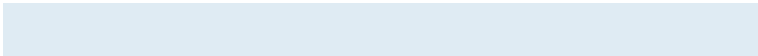
Harmonies

Analogous

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



75.1925, 81.5757, 93.6339



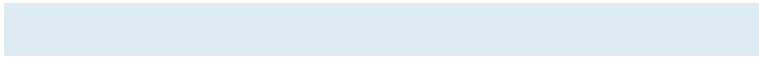
76.3174, 81.5757, 96.5173



77.7817, 81.5757, 97.3128

Triad

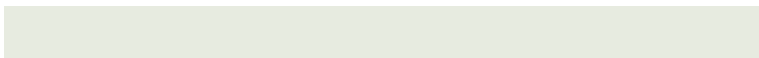
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3174, 81.5757, 96.5173



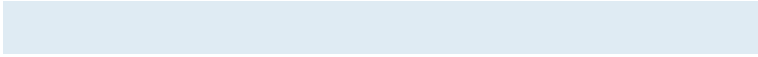
80.4459, 81.5757, 88.1189



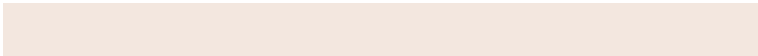
75.8963, 81.5757, 82.2149

Complementary

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



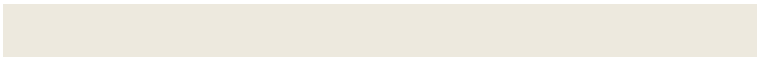
76.3174, 81.5757, 96.5173



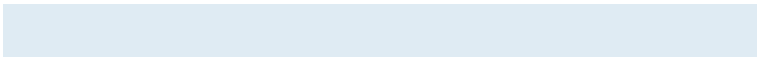
78.8576, 81.5336, 81.3947

Split Complementary

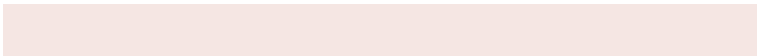
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2893, 81.5757, 80.8402



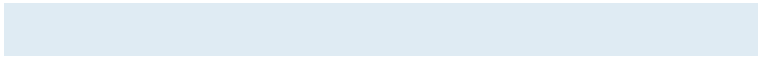
76.3174, 81.5757, 96.5173



79.9261, 81.5757, 84.1780

Square

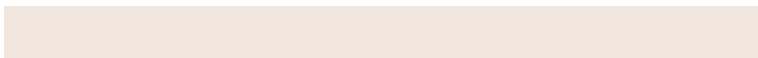
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



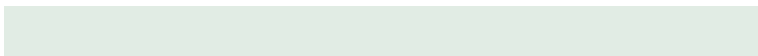
76.3174, 81.5757, 96.5173



80.1776, 81.5757, 92.3747



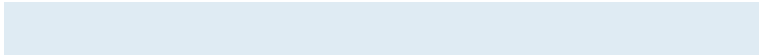
78.7660, 81.5757, 81.5471



74.9516, 81.5757, 85.3617

Rectangle

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



76.3174, 81.5757, 96.5173



78.7562, 81.5757, 96.5309



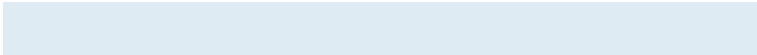
78.7660, 81.5757, 81.5471



76.3270, 81.5757, 81.5350

Sweetspot

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



76.3198, 81.5791, 96.5191



92.5515, 97.7514, 108.5977



76.8601, 85.5412, 87.8162



19.8360, 20.9465, 23.2476



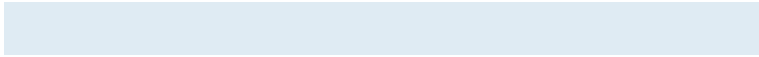
0.0000, 0.0000, 0.0000



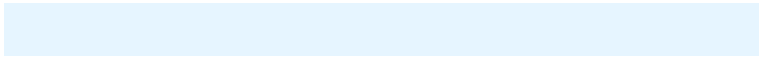
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3198, 81.5791, 96.5191



83.1162, 89.1470, 107.4341



73.6258, 76.1913, 95.6211



16.4085, 17.5812, 21.0713



14.6426, 15.0790, 48.6768



1.3873, 1.5260, 4.3117

Inverse Universe

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



78.3470, 77.8298, 89.4946



85.8495, 84.1564, 97.9489



81.6394, 87.0971, 82.3220



16.9167, 16.6496, 19.3082



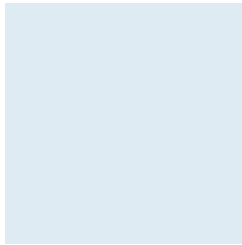
23.1954, 11.6216, 16.2693



2.0893, 1.0417, 1.6967

Previews

White Background



This preview shows how the XYZ color 76.3174, 81.5757, 96.5173 looks on a white background.

Color Contrast Check

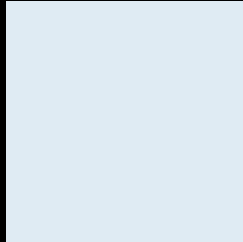
Large Text (above 18pt) WCAG AA × Fail

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 76.3174, 81.5757, 96.5173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

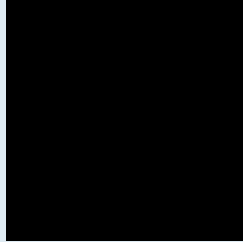
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

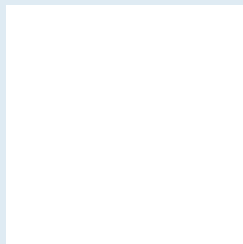
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3174, 81.5757, 96.5173

Background



This preview shows how black text looks on a background with the XYZ color 76.3174, 81.5757, 96.5173.



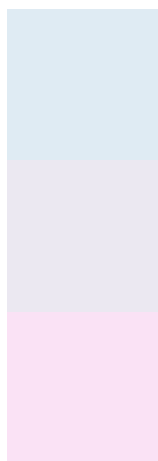
This preview shows how white text looks on a background with the XYZ color 76.3174, 81.5757,

96.5173.

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

76.3174, 81.5757, 96.5173

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

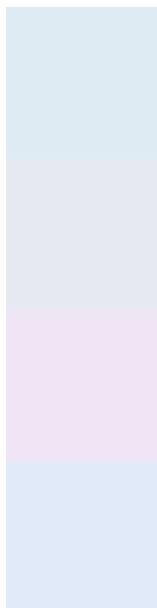
83.1021, 81.3093, 97.7005



Tritanopia

78.0448, 81.8815, 103.7868

Trichromacy



Original Color

76.3174, 81.5757, 96.5173

Protanomaly

78.1209, 81.6776, 95.6523

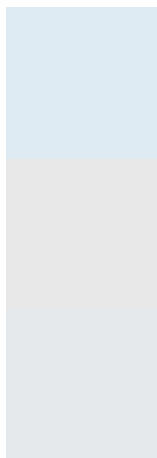
Deuteranomaly

80.2836, 81.0955, 97.0096

Tritanomaly

77.2622, 81.5325, 101.2877

Monochromacy



Original Color

76.3174, 81.5757, 96.5173

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.5923, 80.9920, 90.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3174, 81.5757, 96.5173 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(223, 235, 243) looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 243)  
}
```

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(223, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.3174, 81.5757, 96.5173 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(223, 235, 243) }
```


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

```
.border{ border-color:rgb(223, 235, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3174, 81.5757, 96.5173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 243) }
```

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

```
.background{ background-color: rgb(223,  
235, 243) }
```

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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