

Converting Colors

XYZ(76.9645, 81.4855, 96.4658)

Have a look what the booklet for
XYZ(76.9645, 81.4855, 96.4658)
contains.

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Color

**XYZ(76.9645, 81.4855,
96.4658)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EAF3
RGB	226, 234, 243
RGB Percent	89%, 92%, 95%
CMY	0.1137, 0.0823, 0.0471
CMYK	0.07, 0.04, 0.00, 0.05
HSL	212°, 41%, 92%
HSV	212°, 7%, 95%
XYZ	76.9645, 81.4855, 96.4658
YIQ	232.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

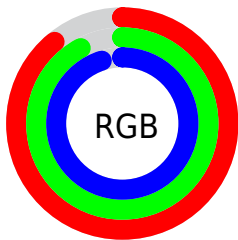
Format	Color
R_{YB}	226, 231, 243
Decimal	14871283
CIE _{Lab}	92.35, -0.98, -5.28
CIE _{LCh}	92, 5.372, 259.523
Yxy	81.4855, 0.3019, 0.3197
Android (android.graphics.Color)	4293061363 (0xFFE2EAF3)
YUV	232.6340, 5.1104, -5.8180
Hunter-Lab	90.2693, -5.7805, -0.1714

Details

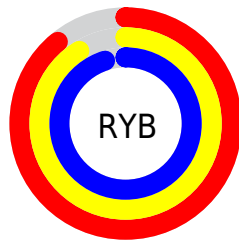
The XYZ color **76.9645, 81.4855, 96.4658** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3981, 83.9615, 83.9215**, and the grayscale version is **77.1460, 81.1636, 88.3871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6846, 44.0866, 53.3263** is the 20% darker color. If you saturate the color by 10%, you get **66.3494, 70.7762, 94.9594**, and if you desaturate by 10%, it is **88.9300, 93.2899, 98.1149**.

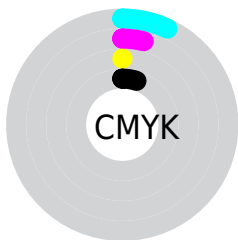
Distribution



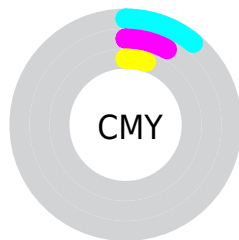
- Red (89%)
- Green (92%)
- Blue (95%)



- Red (89%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9645, 81.4855, 96.4658 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 76.9645, 81.4855, 96.4658 by changing the saturation by 10% instead.

■ 76.9645, 81.4855,
96.4658

■ 76.9645, 81.4855,
96.4658

473.5368,
499.9251, 569.9508

■ 57.5236, 60.9415,
72.7520

128.0625,
135.4523, 158.3011

■ 41.6675, 44.1780,
53.2826

160.4502,
169.6438, 197.2596

■ 29.0310, 30.8105,
37.6391

197.8843,
209.1534, 242.1367

■ 19.2487, 20.4546,
25.4031

240.7300,
254.3654, 293.3510

■ 11.9552, 12.7259,
16.1559

289.3528,
305.6642, 351.3210

■ 6.7851, 7.2401,
9.4790

344.1179,

■ 3.3732, 3.6127,

363.4341, 416.4653

4.9538

405.3908,
428.0596, 489.2024

■ 1.3541, 1.4594,
2.1619

■ 0.2231, 0.2599,
0.6523

■ 76.9645, 81.4855,
96.4658

■ 76.9645, 81.4855,
96.4658

■ 66.3494, 70.7762,
94.9594

■ 88.9300, 93.2899,
98.1149

■ 57.0268, 61.1172,
93.5864

■ 93.1779, 99.2512,
99.0416

■ 48.9449, 52.4753,
92.3443

■ 42.0455, 44.8118,
91.2287

■ 36.2653, 38.0846,
90.2349

■ 31.5346, 32.2484,
89.3577

■ 27.7750, 27.2525,
88.5916

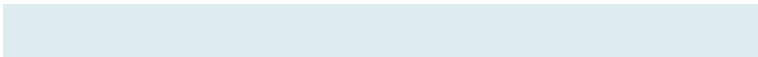
■ 24.8951, 23.0396,
87.9302

■ 22.7797, 19.5391,
87.3661

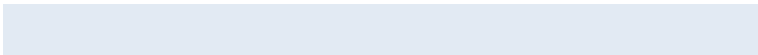
Harmonies

Analogous

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



75.7274, 81.4855, 94.6748



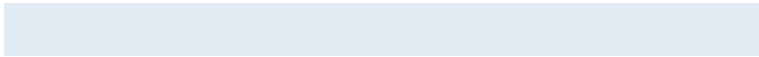
76.9645, 81.4855, 96.4658



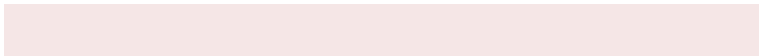
78.3462, 81.4855, 96.1358

Triad

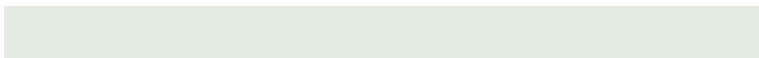
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9645, 81.4855, 96.4658



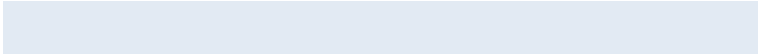
79.9961, 81.4855, 86.1903



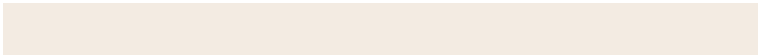
75.4342, 81.4855, 83.8470

Complementary

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



76.9645, 81.4855, 96.4658



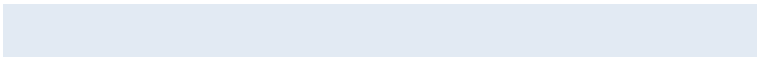
80.3981, 83.9615, 83.9215

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.



76.5598, 81.4855, 81.7030



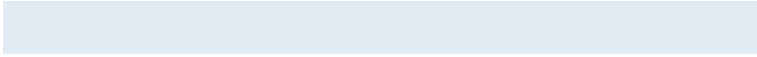
76.9645, 81.4855, 96.4658



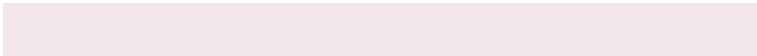
79.1976, 81.4855, 83.0277

Square

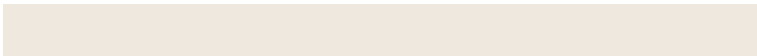
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



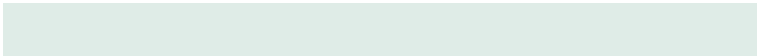
76.9645, 81.4855, 96.4658



80.1076, 81.4855, 90.1231



77.9366, 81.4855, 81.4076



74.8509, 81.4855, 87.3391

Rectangle

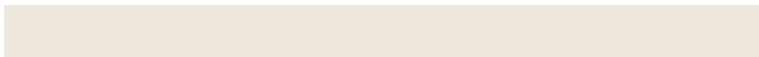
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9645, 81.4855, 96.4658



79.1629, 81.4855, 94.7604



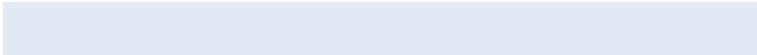
77.9366, 81.4855, 81.4076



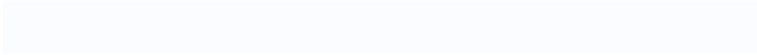
75.7610, 81.4855, 82.9492

Sweetspot

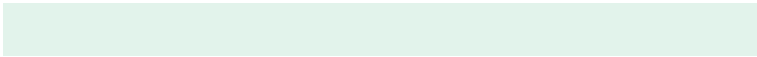
The Sweet Spot groups the original color and five complimentary colors.



76.9669, 81.4889, 96.4676



92.3436, 97.3356, 108.5284



78.3800, 86.2569, 90.9527



19.7937, 20.8618, 23.2334



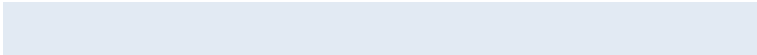
0.0000, 0.0000, 0.0000



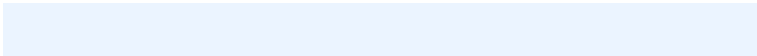
20.3446, 21.4041, 23.3091

Same Dimension

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



76.9669, 81.4889, 96.4676



84.5913, 89.6387, 107.4513



74.8283, 77.0797, 95.7292



16.2245, 17.2133, 21.0099



12.3393, 10.4723, 47.9090



1.1865, 1.1244, 4.2447

Inverse Universe

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



79.0116, 79.3895, 89.0054



87.1942, 86.9920, 97.9464



82.6437, 88.5978, 84.6981



16.8239, 16.6124, 18.8192



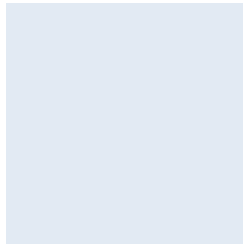
22.0328, 11.1566, 10.1470



1.9880, 1.0011, 1.1630

Previews

White Background



This preview shows how the XYZ color 76.9645, 81.4855, 96.4658 looks on a white background.

Color Contrast Check

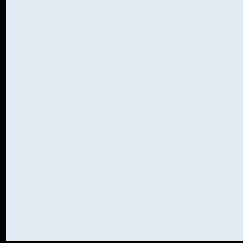
Large Text (above 18pt) WCAG AA × Fail

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 76.9645, 81.4855, 96.4658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

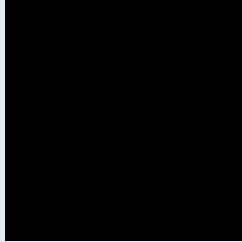
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

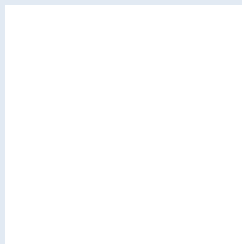
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9645, 81.4855, 96.4658

Background



This preview shows how black text looks on a background with the XYZ color 76.9645, 81.4855, 96.4658.



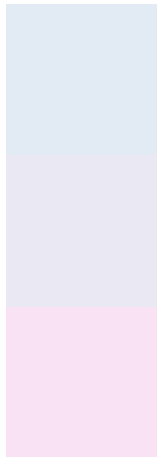
This preview shows how white text looks on a background with the XYZ color 76.9645, 81.4855,

96.4658.

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

76.9645, 81.4855, 96.4658

Protanopia

78.8153, 81.6165, 95.6039

Deuteranopia

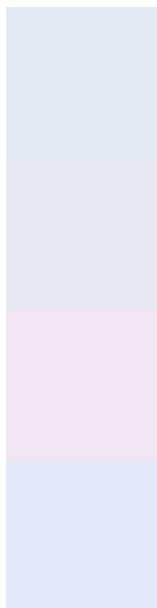
83.1021, 81.3093, 97.7005



Tritanopia

78.2301, 81.5738, 102.8889

Trichromacy



Original Color

76.9645, 81.4855, 96.4658

Protanomaly

78.1209, 81.6776, 95.6523

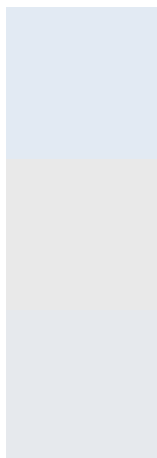
Deuteranomaly

80.6241, 81.2710, 97.0255

Tritanomaly

77.7607, 81.3860, 100.4176

Monochromacy



Original Color

76.9645, 81.4855, 96.4658

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.0581, 81.2152, 91.7355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9645, 81.4855, 96.4658 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(226, 234, 243) looks like.

```
.text, #text, p{  
    color:rgb(226, 234, 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(226, 234, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 234, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.9645, 81.4855, 96.4658 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(226, 234, 243) }
```


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

```
.border{ border-color:rgb(226, 234, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 234, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 234, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 234, 243);  
box-shadow:4px 4px 4px 4px rgb(226, 234,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9645, 81.4855, 96.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 234, 243) }
```

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

```
.background{ background-color: rgb(226,  
234, 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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