

Converting Colors

XYZ(74.5462, 81.6060, 96.6177)

Have a look what the booklet for
XYZ(74.5462, 81.6060, 96.6177)
contains.

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Color

**XYZ(74.4862, 81.4865,
96.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EDF3
RGB	215, 237, 243
RGB Percent	84%, 93%, 95%
CMY	0.1569, 0.0706, 0.0471
CMYK	0.12, 0.02, 0.00, 0.05
HSL	193°, 54%, 90%
HSV	193°, 12%, 95%
XYZ	74.4862, 81.4865, 96.5966
YIQ	231.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

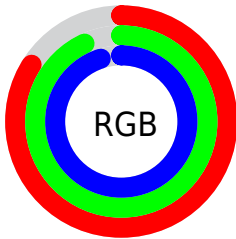
Format	Color
R _Y B	215, 227, 243
Decimal	14151155
CIE Lab	92.35, -6.04, -5.37
CIE LCh	92, 8.078, 221.653
Yxy	81.4865, 0.2949, 0.3226
Android (android.graphics.Color)	4292341235 (0xFFD7EDF3)
YUV	231.1060, 5.8637, -14.1250
Hunter-Lab	90.2699, -10.6830, -0.2565

Details

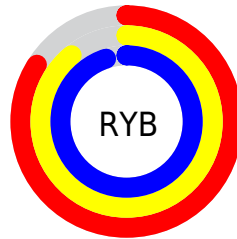
The XYZ color **74.4862, 81.4865, 96.5966** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0848, 75.6736, 74.9406**, and the grayscale version is **76.0022, 79.9603, 87.0767**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9907, 44.1092, 53.4199** is the 20% darker color. If you saturate the color by 10%, you get **66.3895, 75.1101, 95.7939**, and if you desaturate by 10%, it is **83.6912, 88.5035, 97.4671**.

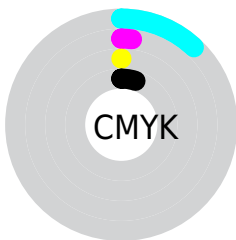
Distribution



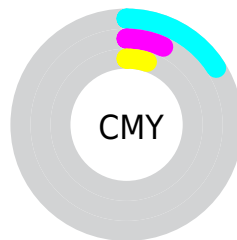
- Red (84%)
- Green (93%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4862, 81.4865, 96.5966 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 74.4862, 81.4865, 96.5966 by changing the saturation by 10% instead.

■ 74.4862, 81.4865,
96.5966

■ 74.4862, 81.4865,
96.5966

465.1741,
499.9284, 570.3782

■ 55.4848, 60.9424,
72.8603

124.5766,
135.4537, 158.4830

■ 40.0253, 44.1787,
53.3706

156.3963,
169.6455, 197.4703

■ 27.7426, 30.8110,
37.7090

193.2194,
209.1553, 242.3783

■ 18.2712, 20.4550,
25.4568

235.4113,
254.3675, 293.6255

■ 11.2457, 12.7262,
16.1956

283.3374,
305.6666, 351.6306

■ 6.3009, 7.2403,
9.5068

337.3630,

■ 3.0713, 3.6128,

363.4368, 416.8120

4.9719

397.8534,
428.0626, 489.5884

■ 1.1916, 1.4594,
2.1723

■ 0.0997, 0.2599,
0.6583

■ 74.4862, 81.4865,
96.5966

■ 74.4862, 81.4865,
96.5966

■ 66.3895, 75.1101,
95.7939

■ 83.6912, 88.5035,
97.4671

■ 59.3471, 69.3394,
95.0512

■ 90.8053, 94.5059,
98.2508

■ 53.3109, 64.1513,
94.3679

■ 92.4226, 97.7406,
98.7899

■ 48.2263, 59.5170,
93.7414

■ 93.1779, 99.2512,
99.0416

■ 44.0333, 55.4051,
93.1687

■ 40.6648, 51.7804,
92.6466

■ 38.0436, 48.6024,
92.1714

■ 36.0772, 45.8231,
91.7385

■ 34.7998, 43.7150,
91.3989

Harmonies

Analogous

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



73.5806, 81.4865, 91.0701



74.4862, 81.4865, 96.5966



76.1923, 81.4865, 100.1044

Triad

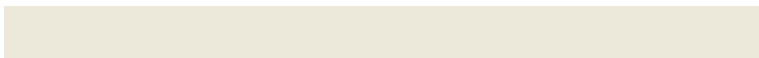
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4862, 81.4865, 96.5966



81.3281, 81.4865, 92.3976



76.6416, 81.4865, 77.9228

Complementary

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



74.4862, 81.4865, 96.5966



75.0848, 75.6736, 74.9406

Split Complementary

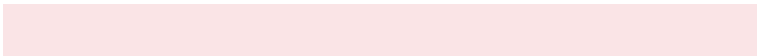
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7224, 81.4865, 78.2423



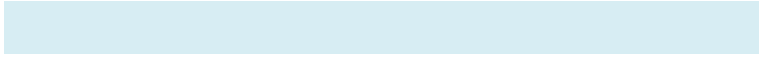
74.4862, 81.4865, 96.5966



81.4537, 81.4865, 86.4204

Square

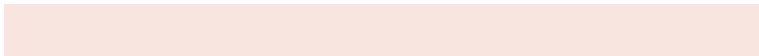
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



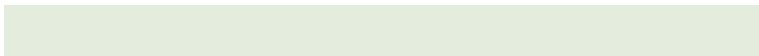
74.4862, 81.4865, 96.5966



80.1524, 81.4865, 97.6059



80.4924, 81.4865, 81.2930



74.8100, 81.4865, 80.3997

Rectangle

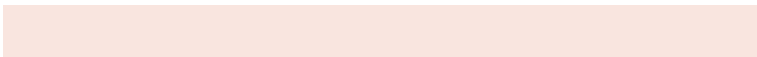
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



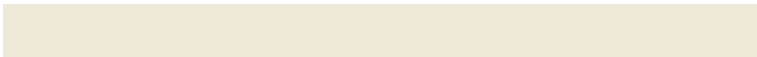
74.4862, 81.4865, 96.5966



77.5664, 81.4865, 100.7346



80.4924, 81.4865, 81.2930



77.3346, 81.4865, 77.7099

Sweetspot

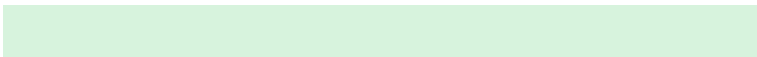
The Sweet Spot groups the original color and five complimentary colors.



74.4886, 81.4899, 96.5984



91.7709, 97.5370, 108.5974



73.0742, 83.7488, 80.4427



19.4593, 20.7384, 23.2272



0.0000, 0.0000, 0.0000



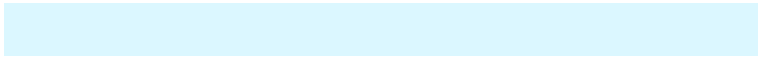
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4886, 81.4899, 96.5984



80.7230, 89.0651, 107.5445



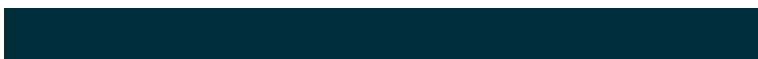
70.6981, 73.9090, 95.3349



16.6779, 18.1201, 21.1611



19.2015, 24.1968, 50.1964



1.7609, 2.2731, 4.4362

Inverse Universe

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



76.5505, 73.7717, 90.3294



83.4931, 78.8170, 99.0953



78.8232, 83.1503, 76.1867



17.0528, 16.7040, 20.0243



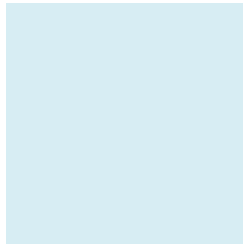
25.4965, 12.5421, 28.3868



2.2779, 1.1171, 2.6896

Previews

White Background



This preview shows how the XYZ color 74.4862, 81.4865, 96.5966 looks on a white background.

Color Contrast Check

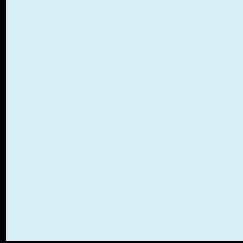
Large Text (above 18pt) WCAG AA × Fail

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 74.4862, 81.4865, 96.5966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

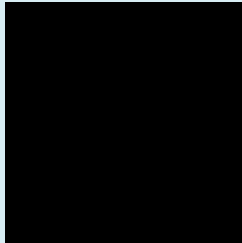
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

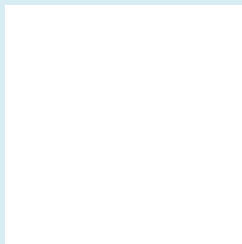
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4862, 81.4865, 96.5966

Background



This preview shows how black text looks on a background with the XYZ color 74.4862, 81.4865, 96.5966.



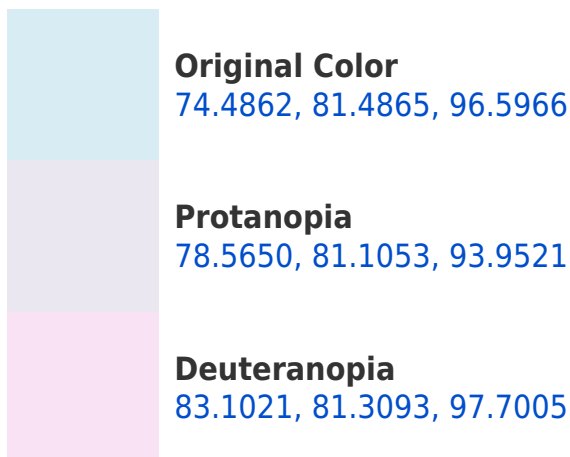
This preview shows how white text looks on a background with the XYZ color 74.4862, 81.4865,

96.5966.

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

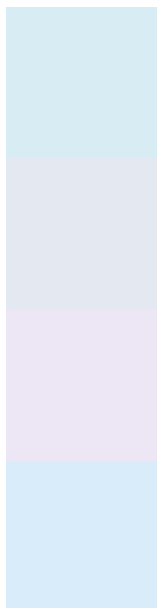




Tritanopia

76.2130, 81.3241, 105.4462

Trichromacy



Original Color

74.4862, 81.4865, 96.5966

Protanomaly

77.0110, 81.1227, 94.8184

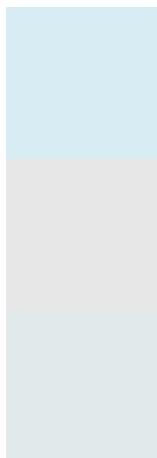
Deuteranomaly

79.5510, 81.1298, 97.0548

Tritanomaly

75.5697, 81.4920, 102.1891

Monochromacy



Original Color

74.4862, 81.4865, 96.5966

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1856, 80.2835, 90.1308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4862, 81.4865, 96.5966 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, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 237, 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(215, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 237, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.4862, 81.4865, 96.5966 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, 237, 243) }
```


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

```
.border{ border-color:rgb(215, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 237,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4862, 81.4865, 96.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 237, 243) }
```

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

```
.background{ background-color: rgb(215,  
237, 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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