

Converting Colors

XYZ(75.1911, 81.4513, 96.5148)

Have a look what the booklet for
XYZ(75.1911, 81.4513, 96.5148)
contains.

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Color

**XYZ(75.0866, 81.3674,
96.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	DAECF3
RGB	218, 236, 243
RGB Percent	85%, 93%, 95%
CMY	0.1451, 0.0745, 0.0471
CMYK	0.10, 0.03, 0.00, 0.05
HSL	197°, 51%, 90%
HSV	197°, 10%, 95%
XYZ	75.0866, 81.3674, 96.5420
YIQ	231.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

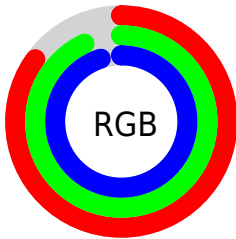
Format	Color
R _Y B	218, 228, 243
Decimal	14347507
CIE Lab	92.29, -4.57, -5.42
CIE LCh	92, 7.094, 229.864
Yxy	81.3674, 0.2968, 0.3216
Android (android.graphics.Color)	4292537587 (0xFFDAECF3)
YUV	231.4160, 5.7109, -11.7658
Hunter-Lab	90.2039, -9.2716, -0.3133

Details

The XYZ color **75.0866, 81.3674, 96.5420** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5427, 77.9668, 77.3461**, and the grayscale version is **76.2332, 80.2032, 87.3413**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3952, 44.0169, 53.3808** is the 20% darker color. If you saturate the color by 10%, you get **66.4256, 74.0529, 95.5879**, and if you desaturate by 10%, it is **84.8923, 89.3870, 97.5744**.

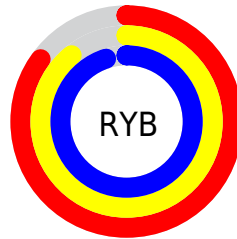
Distribution



Red (85%)

Green (93%)

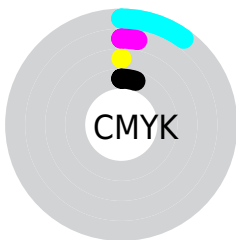
Blue (95%)



Red (85%)

Yellow (89%)

Blue (95%)

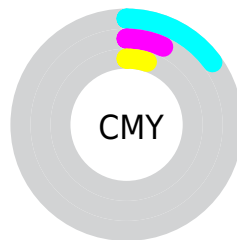


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0866, 81.3674, 96.5420 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 75.0866, 81.3674, 96.5420 by changing the saturation by 10% instead.

■ 75.0866, 81.3674,
96.5420

■ 75.0866, 81.3674,
96.5420

467.2078,
499.5292, 570.1998

■ 55.9783, 60.8442,
72.8151

125.4222,
135.2865, 158.4071

■ 40.4224, 44.0995,
53.3339

157.3802,
169.4513, 197.3823

■ 28.0537, 30.7487,
37.6798

194.3520,
208.9320, 242.2774

■ 18.5068, 20.4076,
25.4344

236.7032,
254.1131, 293.5109

■ 11.4164, 12.6917,
16.1790

284.7990,
305.3790, 351.5014

■ 6.4170, 7.2166,
9.4952

339.0048,

■ 3.1433, 3.5979,

363.1140, 416.6673

4.9644

399.6859,
427.7026, 489.4273

■ 1.2300, 1.4513,
2.1680

■ 0.1298, 0.2541,
0.6558

■ 75.0866, 81.3674,
96.5420

■ 75.0866, 81.3674,
96.5420

■ 66.4256, 74.0529,
95.5879

■ 84.8923, 89.3870,
97.5744

■ 58.8551, 67.4079,
94.7043

■ 91.4814, 95.8582,
98.4762

■ 52.3271, 61.4086,
93.8904

■ 93.1779, 99.2512,
99.0417

■ 46.7872, 56.0257,
93.1434

■ 42.1756, 51.2269,
92.4602

■ 38.4255, 46.9768,
91.8375

■ 35.4609, 43.2347,
91.2714

■ 33.1911, 39.9524,
90.7575

■ 31.5067, 37.1288,
90.3013

Harmonies

Analogous

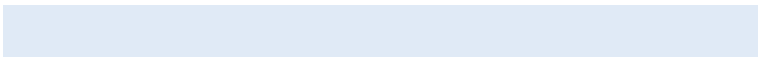
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0682, 81.3674, 92.0711



75.0866, 81.3674, 96.5420



76.7184, 81.3674, 98.9123

Triad

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



75.0866, 81.3674, 96.5420



80.8604, 81.3674, 90.3843



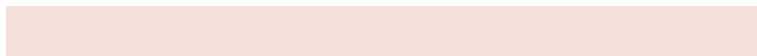
76.1453, 81.3674, 79.4332

Complementary

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



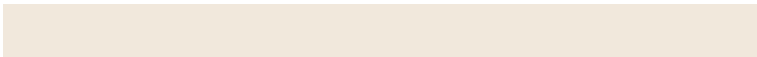
75.0866, 81.3674, 96.5420



76.5427, 77.9668, 77.3461

Split Complementary

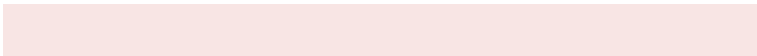
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9594, 81.3674, 79.0218



75.0866, 81.3674, 96.5420



80.7011, 81.3674, 85.2080

Square

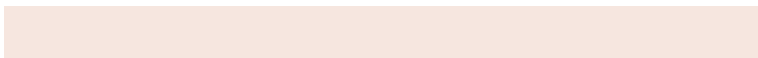
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0866, 81.3674, 96.5420



80.0644, 81.3674, 95.2653



79.6325, 81.3674, 81.0970



74.6728, 81.3674, 82.2441

Rectangle

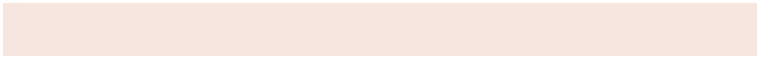
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0866, 81.3674, 96.5420



77.9429, 81.3674, 98.9213



79.6325, 81.3674, 81.0970



76.7348, 81.3674, 79.0141

Sweetspot

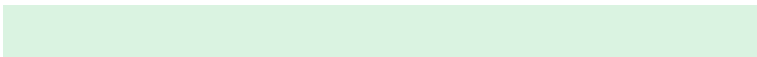
The Sweet Spot groups the original color and five complimentary colors.



75.0890, 81.3708, 96.5438



91.6121, 97.2194, 108.5445



74.5106, 84.4261, 83.3662



19.4164, 20.6525, 23.2129



0.0000, 0.0000, 0.0000



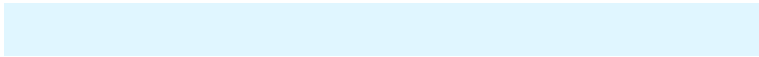
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0890, 81.3708, 96.5438



82.0032, 89.3085, 107.5240



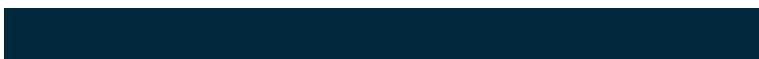
71.7035, 74.5998, 95.4153



16.5818, 17.9279, 21.1290



17.4113, 20.6165, 49.5997



1.6167, 1.9849, 4.3881

Inverse Universe

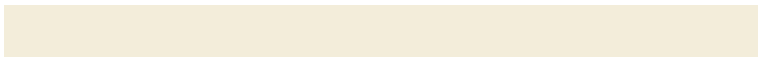
The Inverse Universe completely reimagines the original color for something new.



77.1758, 75.2554, 89.8189



84.7049, 81.4672, 98.8005



79.9509, 84.7830, 78.4821



17.0042, 16.6846, 19.7689



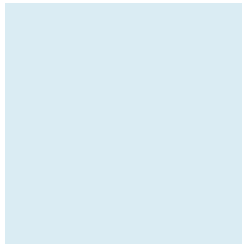
24.5930, 12.1806, 23.6286



2.2051, 1.0880, 2.3065

Previews

White Background



This preview shows how the XYZ color 75.0866, 81.3674, 96.5420 looks on a white background.

Color Contrast Check

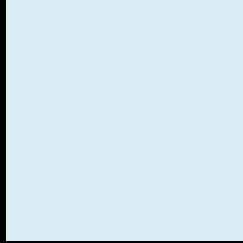
Large Text (above 18pt) WCAG AA × Fail

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 75.0866, 81.3674, 96.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

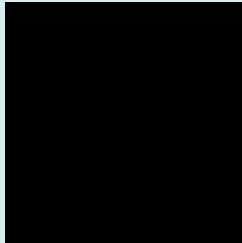
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

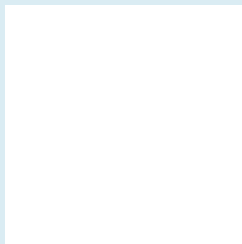
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0866, 81.3674, 96.5420

Background



This preview shows how black text looks on a background with the XYZ color 75.0866, 81.3674, 96.5420.



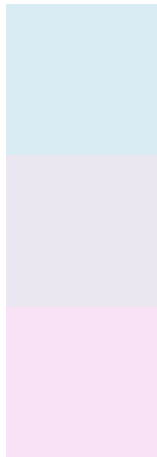
This preview shows how white text looks on a background with the XYZ color 75.0866, 81.3674,

96.5420.

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

75.0866, 81.3674, 96.5420

Protanopia

78.2358, 80.9355, 93.9367

Deuteranopia

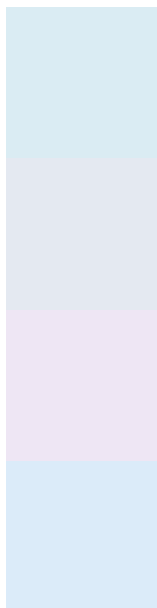
82.7447, 81.1250, 97.6838



Tritanopia

76.6676, 81.1531, 104.5518

Trichromacy



Original Color

75.0866, 81.3674, 96.5420

Protanomaly

77.0110, 81.1227, 94.8184

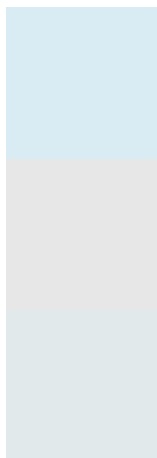
Deuteranomaly

79.8858, 81.3024, 97.0705

Tritanomaly

76.0206, 81.3163, 101.3114

Monochromacy



Original Color

75.0866, 81.3674, 96.5420

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4983, 80.4447, 90.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0866, 81.3674, 96.5420 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, 236, 243)` looks like.

```
.text, #text, p{  
    color:rgb(218, 236, 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(218, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 236, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.0866, 81.3674, 96.5420 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, 236, 243) }
```


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

```
.border{ border-color:rgb(218, 236, 243) }
```

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

Here you see how a box with a 4 pixel rgb(218, 236, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(218, 236,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0866, 81.3674, 96.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 236, 243) }
```

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

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