

Converting Colors

XYZ(74.8020, 80.9111, 91.2247)

Have a look what the booklet for
XYZ(74.8020, 80.9111, 91.2247)
contains.

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Color

**XYZ(74.6674, 80.8449,
91.0261)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DDEBEC |
| RGB | 221, 235, 236 |
| RGB Percent | 87%, 92%, 93% |
| CMY | 0.1333, 0.0784, 0.0745 |
| CMYK | 0.06, 0.00, 0.00, 0.07 |
| HSL | 184°, 28%, 90% |
| HSV | 184°, 6%, 93% |
| XYZ | 74.6674, 80.8449, 91.0261 |
| YIQ | 230.9280, -8.6650, -2.6570 |

Conversions

Conversions Part 2

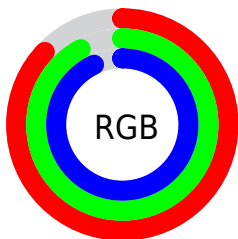
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 221, 228, 236 |
| Decimal | 14543852 |
| CIE Lab | 92.06, -4.43, -2.09 |
| CIE LCh | 92, 4.902, 205.270 |
| Yxy | 80.8449, 0.3029, 0.3279 |
| Android (android.graphics.Color) | 4292733932 (0xFFDDEBEC) |
| YUV | 230.9280, 2.5005, -8.7069 |
| Hunter-Lab | 89.9138, -9.1168, 2.9162 |

Details

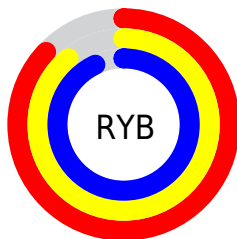
The XYZ color **74.6674, 80.8449, 91.0261** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7647, 75.2952, 79.0534**, and the grayscale version is **75.8906, 79.8428, 86.9488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0842, 43.6425, 49.4912** is the 20% darker color. If you saturate the color by 10%, you get **67.5348, 76.5068, 90.5659**, and if you desaturate by 10%, it is **82.8187, 85.7185, 91.5384**.

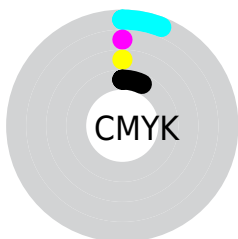
Distribution



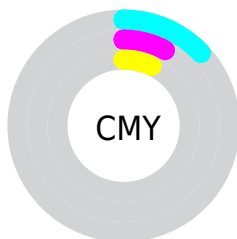
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6674, 80.8449, 91.0261 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 74.6674, 80.8449, 91.0261 by changing the saturation by 10% instead.

■ 74.6674, 80.8449,
91.0261

■ 74.6674, 80.8449,
91.0261

465.7884,
497.7757, 552.0191

■ 55.6337, 60.4139,
68.2535

124.8319,
134.5530, 150.7108

■ 40.1451, 43.7523,
49.6360

156.6933,
168.5988, 188.4600

■ 27.8364, 30.4758,
34.7551

193.5614,
207.9517, 232.0385

■ 18.3422, 20.2000,
23.1923

235.8014,
252.9960, 281.8648

■ 11.2971, 12.5405,
14.5289

283.7788,
304.1162, 338.3575

■ 6.3358, 7.1129,
8.3465

337.8588,

■ 3.0929, 3.5328,

361.6966, 401.9351

4.2265

398.4069,
426.1216, 473.0161

■ 1.2031, 1.4158,
1.7504

■ 0.1088, 0.2283,
0.3949

■ 74.6674, 80.8449,
91.0261

■ 74.6674, 80.8449,
91.0261

■ 67.5348, 76.5068,
90.5659

■ 82.8187, 85.7185,
91.5384

■ 61.3719, 72.6722,
90.1506

■ 86.9960, 88.5471,
91.8642

■ 56.1364, 69.3215,
89.7798

■ 87.4548, 89.4647,
92.0172

■ 51.7796, 66.4297,
89.4512

■ 87.9175, 90.3902,
92.1714

■ 48.2490, 63.9695,
89.1625

■ 88.3843, 91.3237,
92.3270

■ 45.4860, 61.9109,
88.9107

■ 88.8550, 92.2652,
92.4839

■ 43.4246, 60.2197,
88.6930

■ 89.3298, 93.2147,
92.6422

■ 41.9872, 58.8561,
88.5055

■ 89.8086, 94.1723,
92.8018

■ 41.0774, 57.7701,
88.3439

■ 90.2914, 95.1380,
92.9627

Harmonies

Analogous

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



74.4479, 80.8449, 87.4547



74.6674, 80.8449, 91.0261



75.4667, 80.8449, 93.8615

Triad

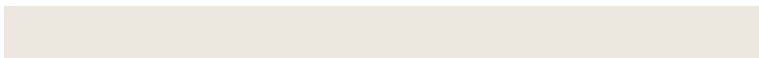
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6674, 80.8449, 91.0261



78.8520, 80.8449, 92.0446



77.0409, 80.8449, 81.2814

Complementary

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



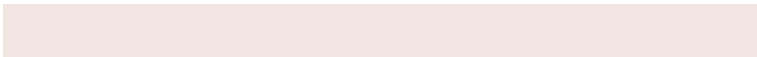
74.6674, 80.8449, 91.0261



73.7647, 75.2952, 79.0534

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.



78.2312, 80.8449, 82.4382



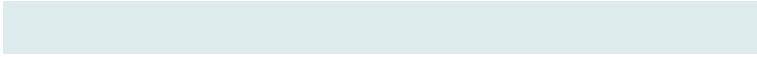
74.6674, 80.8449, 91.0261



79.2841, 80.8449, 88.6005

Square

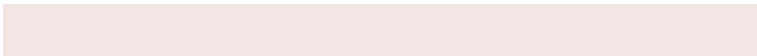
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6674, 80.8449, 91.0261



77.8811, 80.8449, 94.4607



79.0557, 80.8449, 85.0932



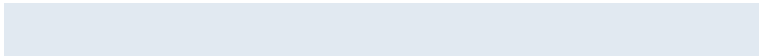
75.8096, 80.8449, 81.8910

Rectangle

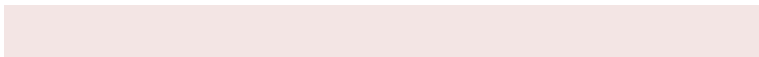
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



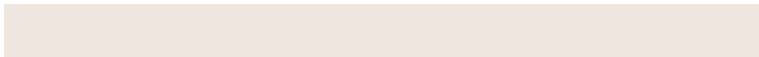
74.6674, 80.8449, 91.0261



76.2254, 80.8449, 94.9191



79.0557, 80.8449, 85.0932



77.4592, 80.8449, 81.4757

Sweetspot

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



74.6697, 80.8483, 91.0279



93.0905, 98.8296, 108.7774



72.9668, 80.6249, 80.6493



19.9457, 21.1659, 23.2841



0.0000, 0.0000, 0.0000



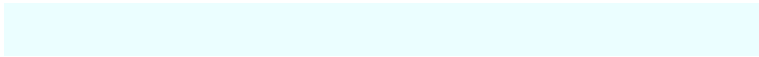
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6697, 80.8483, 91.0279



87.5083, 95.4726, 108.4236



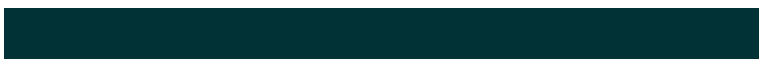
72.6350, 76.7789, 90.3496



15.4270, 16.9405, 19.3790



22.5380, 31.7231, 48.6783



1.7956, 2.5427, 3.8310

Inverse Universe

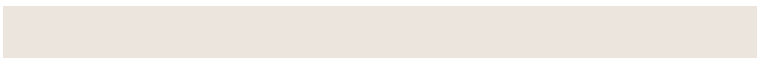
The Inverse Universe completely reimagines the original color for something new.



75.4457, 75.5454, 89.2066



88.6665, 87.5809, 105.6997



75.7330, 79.2317, 79.7095



15.6691, 15.2955, 18.8088



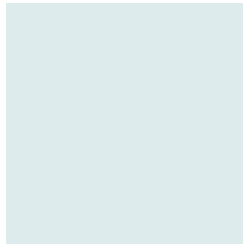
26.2315, 12.6953, 38.6158



2.0729, 1.0021, 3.1010

Previews

White Background



This preview shows how the XYZ color 74.6674, 80.8449, 91.0261 looks on a white background.

Color Contrast Check

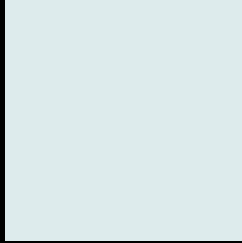
Large Text (above 18pt) WCAG AA × Fail

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 74.6674, 80.8449, 91.0261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

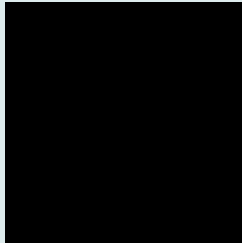
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

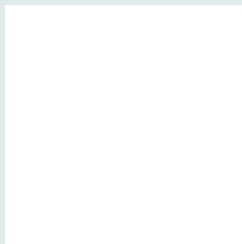
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6674, 80.8449, 91.0261

Background



This preview shows how black text looks on a background with the XYZ color 74.6674, 80.8449, 91.0261.



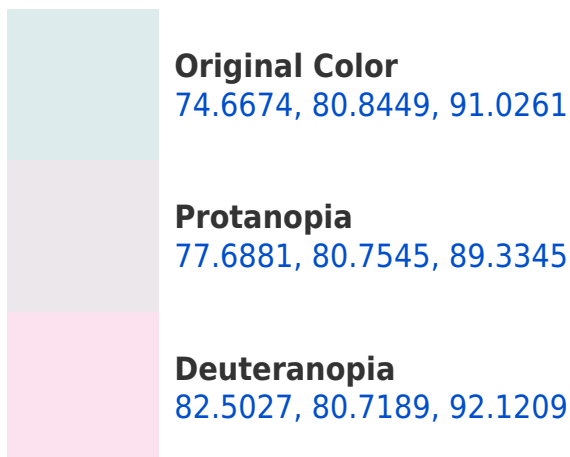
This preview shows how white text looks on a background with the XYZ color 74.6674, 80.8449,

91.0261.

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

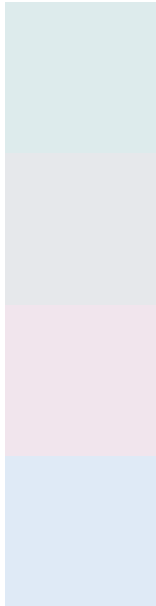




Tritanopia

77.2920, 81.0902, 102.8450

Trichromacy



Original Color

74.6674, 80.8449, 91.0261

Protanomaly

76.4851, 80.5344, 90.1108

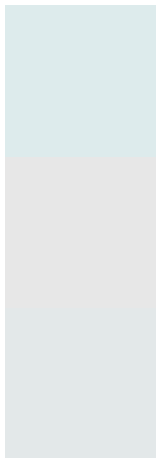
Deuteranomaly

79.5810, 80.8538, 91.5327

Tritanomaly

76.4888, 81.1874, 98.8281

Monochromacy



Original Color

74.6674, 80.8449, 91.0261

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2431, 79.9273, 88.5526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6674, 80.8449, 91.0261 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(221, 235, 236) looks like.

```
.text, #text, p{  
    color:rgb(221, 235, 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(221, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 235, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.6674, 80.8449, 91.0261 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(221, 235, 236) }
```


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

```
.border{ border-color:rgb(221, 235, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 235, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(221, 235,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6674, 80.8449, 91.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 235, 236) }
```

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

```
.background{ background-color: rgb(221,  
235, 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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