

Converting Colors

XYZ(74.4491, 81.2188, 96.5478)

Have a look what the booklet for
XYZ(74.4491, 81.2188, 96.5478)
contains.

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Color

**XYZ(74.1974, 80.9090,
96.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ECF3
RGB	215, 236, 243
RGB Percent	84%, 93%, 95%
CMY	0.1569, 0.0745, 0.0471
CMYK	0.12, 0.03, 0.00, 0.05
HSL	195°, 54%, 90%
HSV	195°, 12%, 95%
XYZ	74.1974, 80.9090, 96.5004
YIQ	230.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

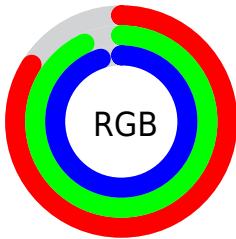
Format	Color
R _Y B	215, 227, 243
Decimal	14150899
CIE Lab	92.09, -5.53, -5.75
CIE LCh	92, 7.973, 226.122
Yxy	80.9090, 0.2949, 0.3216
Android (android.graphics.Color)	4292340979 (0xFFD7ECF3)
YUV	230.5190, 6.1531, -13.6102
Hunter-Lab	89.9494, -10.1706, -0.6435

Details

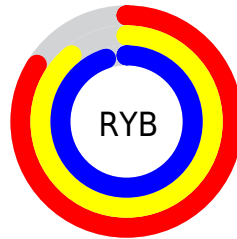
The XYZ color **74.1974, 80.9090, 96.5004** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3496, 76.2031, 75.0287**, and the grayscale version is **75.5638, 79.4990, 86.5744**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7881, 43.7040, 53.3524** is the 20% darker color. If you saturate the color by 10%, you get **65.8670, 74.0653, 95.6198**, and if you desaturate by 10%, it is **83.6517, 88.4248, 97.4541**.

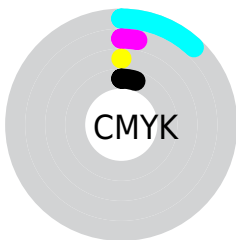
Distribution



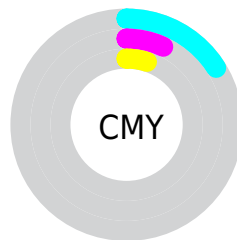
- Red (84%)
- Green (93%)
- Blue (95%)



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



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1974, 80.9090, 96.5004 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 74.1974, 80.9090, 96.5004 by changing the saturation by 10% instead.

■ 74.1974, 80.9090,
96.5004

■ 74.1974, 80.9090,
96.5004

464.1942,
497.9910, 570.0639

■ 55.2475, 60.4667,
72.7806

124.1696,
134.6430, 158.3492

■ 39.8345, 43.7949,
53.3059

155.9226,
168.7034, 197.3153

■ 27.5932, 30.5093,
37.6576

192.6739,
208.0720, 242.2006

■ 18.1581, 20.2255,
25.4173

234.7891,
253.1331, 293.4236

■ 11.1639, 12.5590,
16.1664

282.6333,
304.2712, 351.4029

■ 6.2453, 7.1256,
9.4863

336.5720,

■ 3.0369, 3.5408,

361.8706, 416.5570

4.9586

396.9705,
426.3157, 489.3045

■ 1.1733, 1.4202,
2.1647

■ 0.0851, 0.2315,
0.6539

■ 74.1974, 80.9090,
96.5004

■ 74.1974, 80.9090,
96.5004

■ 65.8670, 74.0653,
95.6198

■ 83.6517, 88.4248,
97.4541

■ 58.6064, 67.8582,
94.8044

■ 91.0312, 94.9578,
98.3261

■ 52.3673, 62.2643,
94.0534

■ 92.9300, 98.7554,
98.9591

■ 47.0949, 57.2543,
93.3643

■ 93.1779, 99.2512,
99.0417

■ 42.7289, 52.7962,
92.7339

■ 39.2018, 48.8545,
92.1590

■ 36.4365, 45.3884,
91.6357

■ 34.3401, 42.3489,
91.1595

■ 32.9634, 40.0421,
90.7868

Harmonies

Analogous

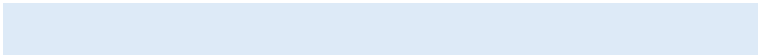
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1708, 80.9090, 91.2734



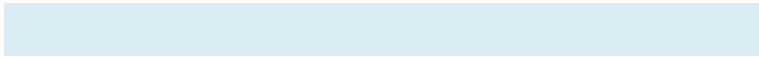
74.1974, 80.9090, 96.5004



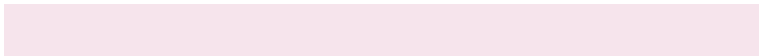
75.9585, 80.9090, 99.5353

Triad

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



74.1974, 80.9090, 96.5004



80.7984, 80.9090, 90.8361



75.8104, 80.9090, 77.6741

Complementary

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



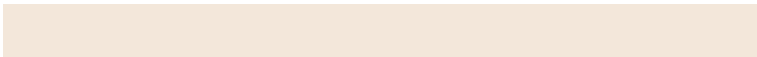
74.1974, 80.9090, 96.5004



75.3496, 76.2031, 75.0287

Split Complementary

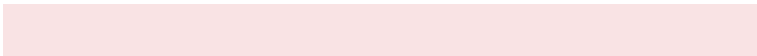
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8524, 80.9090, 77.5688



74.1974, 80.9090, 96.5004



80.7571, 80.9090, 84.9935

Square

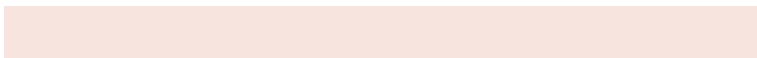
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1974, 80.9090, 96.5004



79.7827, 80.9090, 96.1680



79.6707, 80.9090, 80.1946



74.0907, 80.9090, 80.4891

Rectangle

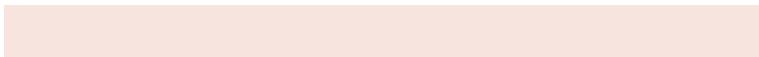
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



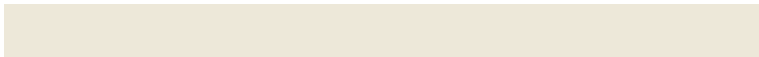
74.1974, 80.9090, 96.5004



77.3234, 80.9090, 99.8237



79.6707, 80.9090, 80.1946



76.4813, 80.9090, 77.3251

Sweetspot

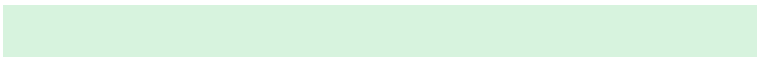
The Sweet Spot groups the original color and five complimentary colors.



74.1997, 80.9124, 96.5022



91.6845, 97.3643, 108.5686



73.1986, 83.7986, 81.0979



19.4360, 20.6917, 23.2195



0.0000, 0.0000, 0.0000



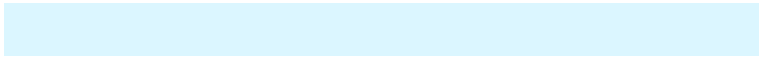
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1997, 80.9124, 96.5022



80.3337, 88.2864, 107.4147



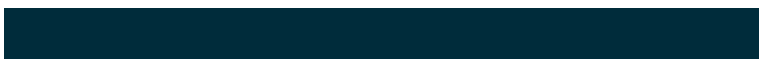
70.4487, 73.4104, 95.2519



16.6256, 18.0154, 21.1436



18.2037, 22.2012, 49.8639



1.6808, 2.1131, 4.4095

Inverse Universe

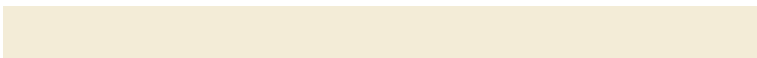
The Inverse Universe completely reimagines the original color for something new.



76.4047, 73.7133, 89.5619



83.2966, 78.7384, 98.0605



79.0905, 83.6849, 76.2756



17.0263, 16.6934, 19.8852



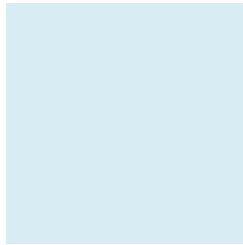
24.9929, 12.3406, 25.7348



2.2375, 1.1010, 2.4769

Previews

White Background



This preview shows how the XYZ color 74.1974, 80.9090, 96.5004 looks on a white background.

Color Contrast Check

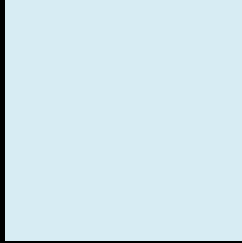
Large Text (above 18pt) WCAG AA × Fail

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 74.1974, 80.9090, 96.5004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

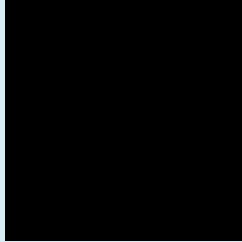
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1974, 80.9090, 96.5004

Background



This preview shows how black text looks on a background with the XYZ color 74.1974, 80.9090, 96.5004.

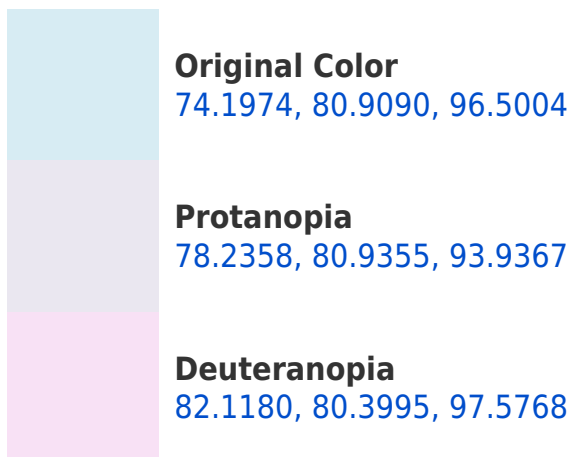


This preview shows how white text looks on a background with the XYZ color 74.1974, 80.9090,

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

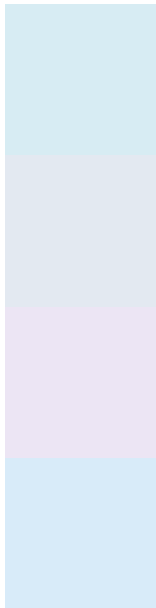




Tritanopia

75.7677, 80.6892, 104.5097

Trichromacy



Original Color

74.1974, 80.9090, 96.5004

Protanomaly

76.6947, 80.9596, 94.8036

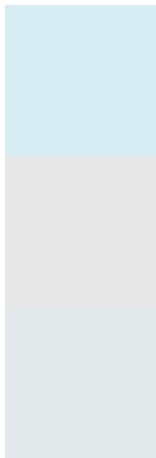
Deuteranomaly

78.9405, 80.4031, 96.9467

Tritanomaly

75.1261, 80.8551, 101.2696

Monochromacy



Original Color

74.1974, 80.9090, 96.5004

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 74.1974, 80.9090, 96.5004 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, 236, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 236, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.1974, 80.9090, 96.5004 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, 236, 243) }
```


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

```
.border{ border-color:rgb(215, 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(215, 236, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 236,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1974, 80.9090, 96.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 236, 243) }
```

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

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