

Converting Colors

XYZ(74.2541, 80.9180, 97.8681)

Have a look what the booklet for
XYZ(74.2541, 80.9180, 97.8681)
contains.

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Color

**XYZ(74.2084, 80.8796,
98.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ECF5
RGB	214, 236, 245
RGB Percent	84%, 93%, 96%
CMY	0.1608, 0.0745, 0.0392
CMYK	0.13, 0.04, 0.00, 0.04
HSL	197°, 61%, 90%
HSV	197°, 13%, 96%
XYZ	74.2084, 80.8796, 98.0863
YIQ	230.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

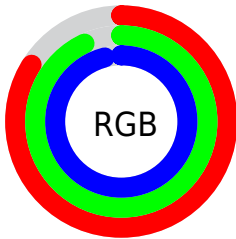
Format	Color
R _Y B	214, 227, 245
Decimal	14085365
CIE Lab	92.08, -5.45, -6.82
CIE LCh	92, 8.726, 231.371
Yxy	80.8796, 0.2931, 0.3195
Android (android.graphics.Color)	4292275445 (0xFFD6ECF5)
YUV	230.4480, 7.1741, -14.4249
Hunter-Lab	89.9331, -10.0934, -1.7120

Details

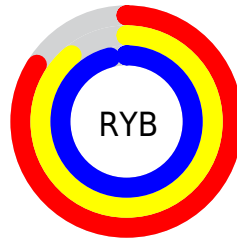
The XYZ color **74.2084, 80.8796, 98.0863** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1819, 77.0425, 74.4752**, and the grayscale version is **75.5045, 79.4366, 86.5065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8046, 43.6876, 54.4787** is the 20% darker color. If you saturate the color by 10%, you get **65.5829, 73.4562, 97.1093**, and if you desaturate by 10%, it is **83.9956, 89.0271, 99.1444**.

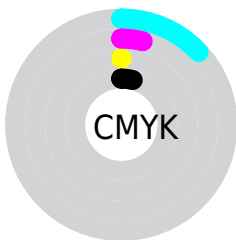
Distribution



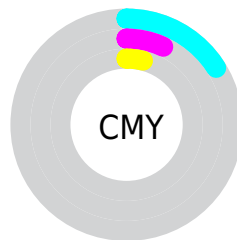
- Red (84%)
- Green (93%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2084, 80.8796, 98.0863 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 74.2084, 80.8796, 98.0863 by changing the saturation by 10% instead.

■ 74.2084, 80.8796,
98.0863

■ 74.2084, 80.8796,
98.0863

464.2315,
497.8922, 575.2338

■ 55.2565, 60.4424,
74.0953

124.1851,
134.6017, 160.5537

■ 39.8418, 43.7754,
54.3748

155.9406,
168.6554, 199.8672

■ 27.5989, 30.4939,
38.5062

192.6947,
208.0168, 245.1253

■ 18.1624, 20.2138,
26.0709

234.8128,
253.0702, 296.7466

■ 11.1670, 12.5506,
16.6505

282.6601,
304.2001, 355.1495

■ 6.2474, 7.1198,
9.8263

336.6021,

■ 3.0382, 3.5371,

361.7908, 420.7526

5.1798

397.0041,
426.2267, 493.9746

■ 1.1740, 1.4182,
2.2926

■ 0.0857, 0.2301,
0.7271

■ 74.2084, 80.8796,
98.0863

■ 74.2084, 80.8796,
98.0863

■ 65.5829, 73.4562,
97.1093

■ 83.9956, 89.0271,
99.1444

■ 58.0632, 66.7204,
96.2055

■ 91.9774, 96.3642,
100.1399

■ 51.5992, 60.6470,
95.3739

■ 93.4817, 99.3727,
100.6413

■ 46.1341, 55.2052,
94.6116

■ 41.6052, 50.3614,
93.9154

■ 37.9425, 46.0780,
93.2816

■ 35.0652, 42.3117,
92.7063

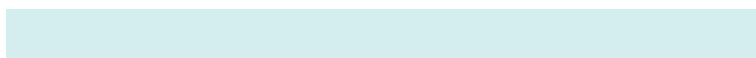
■ 32.8759, 39.0108,
92.1845

■ 31.5982, 36.8257,
91.8301

Harmonies

Analogous

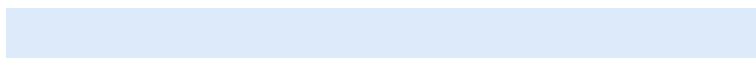
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9208, 80.8796, 92.6496



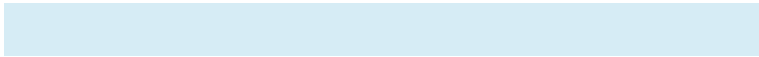
74.2084, 80.8796, 98.0863



76.2273, 80.8796, 100.8702

Triad

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



74.2084, 80.8796, 98.0863



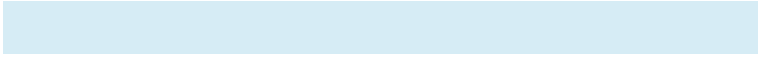
81.2239, 80.8796, 89.9333



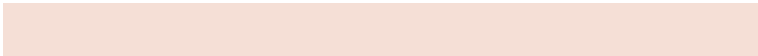
75.3103, 80.8796, 77.0387

Complementary

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



74.2084, 80.8796, 98.0863



76.1819, 77.0425, 74.4752

Split Complementary

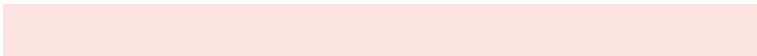
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5236, 80.8796, 76.3906



74.2084, 80.8796, 98.0863



80.9668, 80.8796, 83.6326

Square

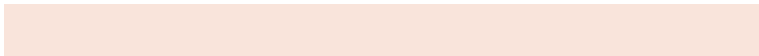
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



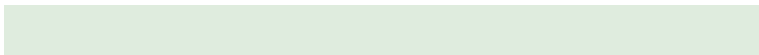
74.2084, 80.8796, 98.0863



80.2978, 80.8796, 96.0151



79.6019, 80.8796, 78.7490



73.5483, 80.8796, 80.5647

Rectangle

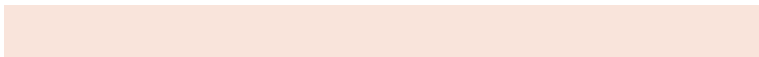
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



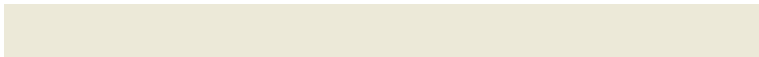
74.2084, 80.8796, 98.0863



77.7284, 80.8796, 100.7577



79.6019, 80.8796, 78.7490



76.0251, 80.8796, 76.4841

Sweetspot

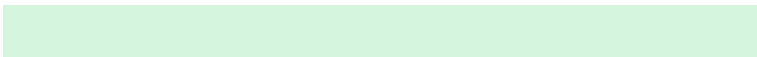
The Sweet Spot groups the original color and five complimentary colors.



74.2108, 80.8830, 98.0881



90.4594, 96.2423, 108.4167



73.6754, 84.9184, 82.1681



19.1823, 20.4517, 23.1865



0.0000, 0.0000, 0.0000



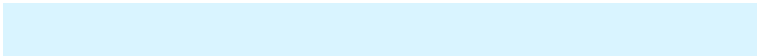
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2108, 80.8830, 98.0881



78.9114, 86.5742, 107.1592



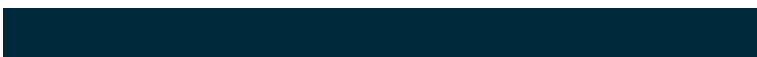
69.9961, 72.4536, 96.6832



16.5668, 17.8978, 21.1240



17.1474, 20.0885, 49.5117



1.5952, 1.9419, 4.3810

Inverse Universe

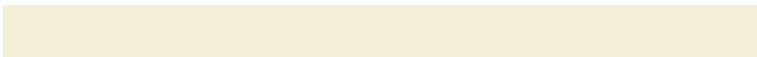
The Inverse Universe completely reimagines the original color for something new.



76.8449, 73.5634, 89.5098



82.3023, 77.2825, 96.0871



80.4522, 85.5831, 75.8986



16.9966, 16.6815, 19.7289



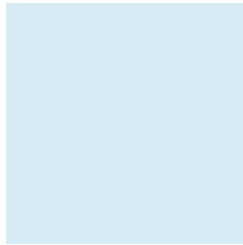
24.4597, 12.1273, 22.9270



2.1943, 1.0837, 2.2494

Previews

White Background



This preview shows how the XYZ color 74.2084, 80.8796, 98.0863 looks on a white background.

Color Contrast Check

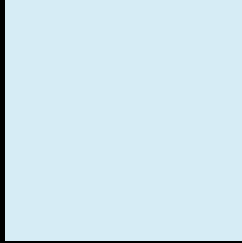
Large Text (above 18pt) WCAG AA × Fail

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 74.2084, 80.8796, 98.0863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

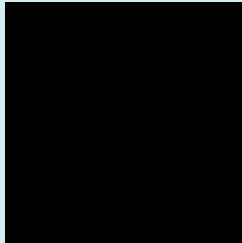
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2084, 80.8796, 98.0863

Background



This preview shows how black text looks on a background with the XYZ color 74.2084, 80.8796, 98.0863.

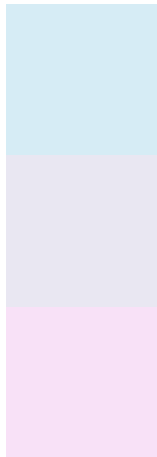


This preview shows how white text looks on a background with the XYZ color 74.2084, 80.8796,

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

74.2084, 80.8796, 98.0863

Protanopia

78.2072, 80.8863, 95.4951

Deuteranopia

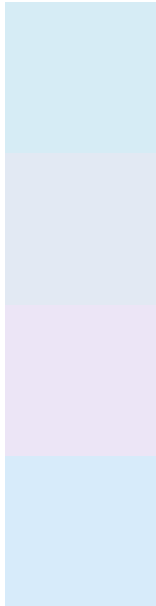
82.4251, 80.5223, 99.1938



Tritanopia

75.4623, 80.9556, 104.5772

Trichromacy



Original Color

74.2084, 80.8796, 98.0863

Protanomaly

76.6806, 80.9176, 96.3712

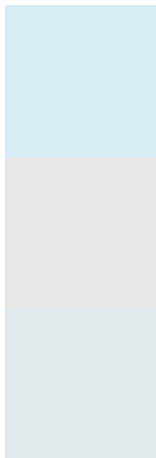
Deuteranomaly

79.2459, 80.5253, 98.5550

Tritanomaly

74.9880, 80.7659, 102.0796

Monochromacy



Original Color

74.2084, 80.8796, 98.0863

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5925, 79.5587, 90.0222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2084, 80.8796, 98.0863 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(214, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 236, 245)  
}
```

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(214, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 236, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.2084, 80.8796, 98.0863 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(214, 236, 245) }
```


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

```
.border{ border-color:rgb(214, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 236,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2084, 80.8796, 98.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 236, 245) }
```

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

```
.background{ background-color: rgb(214,  
236, 245) }
```

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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