

Converting Colors

XYZ(74.1003, 79.9111, 94.8738)

Have a look what the booklet for
XYZ(74.1003, 79.9111, 94.8738)
contains.

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Color

**XYZ(74.2134, 80.1019,
94.7688)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEAF1
RGB	218, 234, 241
RGB Percent	85%, 92%, 95%
CMY	0.1451, 0.0823, 0.0549
CMYK	0.10, 0.03, 0.00, 0.05
HSL	198°, 45%, 90%
HSV	198°, 10%, 95%
XYZ	74.2134, 80.1019, 94.7688
YIQ	230.0140, -11.7830, -1.2150

Conversions

Conversions Part 2

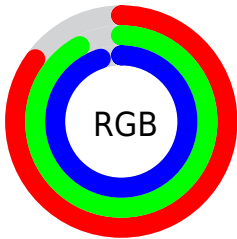
Format	Color
R _Y B	218, 227, 241
Decimal	14346993
CIE _{Lab}	91.73, -3.94, -5.21
CIE _{LCh}	92, 6.534, 232.925
Yxy	80.1019, 0.2979, 0.3216
Android (android.graphics.Color)	4292537073 (0xFFDAEAF1)
YUV	230.0140, 5.4161, -10.5363
Hunter-Lab	89.4997, -8.6117, -0.1308

Details

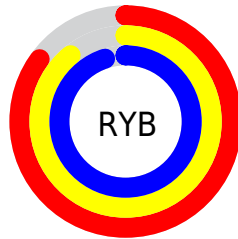
The XYZ color **74.2134, 80.1019, 94.7688** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8561, 77.6126, 77.3137**, and the grayscale version is **75.1935, 79.1094, 86.1501**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7816, 43.1301, 52.1272** is the 20% darker color. If you saturate the color by 10%, you get **65.4803, 72.5673, 93.7760**, and if you desaturate by 10%, it is **84.0854, 88.3562, 95.8430**.

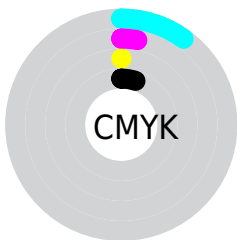
Distribution



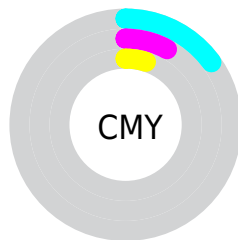
- Red (85%)
- Green (92%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2134, 80.1019, 94.7688 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 74.2134, 80.1019, 94.7688 by changing the saturation by 10% instead.

■ 74.2134, 80.1019,
94.7688

■ 74.2134, 80.1019,
94.7688

464.2485,
495.2762, 564.3900

■ 55.2606, 59.8022,
71.3467

124.1921,
133.5090, 155.9380

■ 39.8451, 43.2592,
52.1416

155.9488,
167.3852, 194.5222

■ 27.6015, 30.0886,
36.7350

192.7042,
206.5557, 238.9975

■ 18.1644, 19.9058,
24.7082

234.8236,
251.4048, 289.7825

■ 11.1685, 12.3266,
15.6427

282.6723,
302.3171, 347.2957

■ 6.2484, 6.9665,
9.1201

336.6158,

■ 3.0388, 3.4412,

359.6768, 411.9557

4.7217

397.0194,
423.8683, 484.1809

■ 1.1743, 1.3662,
2.0291

■ 0.0859, 0.1916,
0.5731

■ 74.2134, 80.1019,
94.7688

■ 74.2134, 80.1019,
94.7688

■ 65.4803, 72.5673,
93.7760

■ 84.0854, 88.3562,
95.8430

■ 57.8332, 65.7170,
92.8568

■ 90.8904, 95.1569,
96.7970

■ 51.2249, 59.5274,
92.0104

■ 92.8774, 99.1310,
97.4593

■ 45.6021, 53.9694,
91.2340

■ 40.9064, 49.0113,
90.5244

■ 37.0730, 44.6179,
89.8785

■ 34.0276, 40.7495,
89.2923

■ 31.6826, 37.3589,
88.7614

■ 29.8984, 34.3725,
88.2790

Harmonies

Analogous

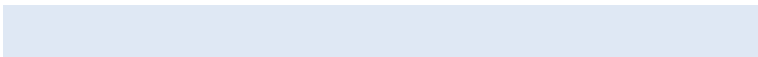
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2127, 80.1019, 90.8520



74.2134, 80.1019, 94.7688



75.7393, 80.1019, 96.6738

Triad

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



74.2134, 80.1019, 94.7688



79.3685, 80.1019, 88.3559



74.8894, 80.1019, 79.0120

Complementary

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



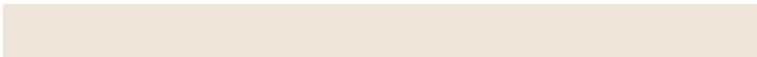
74.2134, 80.1019, 94.7688



75.8561, 77.6126, 77.3137

Split Complementary

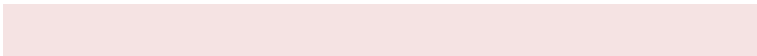
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5310, 80.1019, 78.3986



74.2134, 80.1019, 94.7688



79.1329, 80.1019, 83.6810

Square

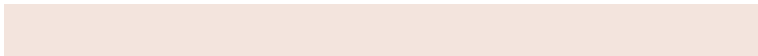
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2134, 80.1019, 94.7688



78.7275, 80.1019, 92.8845



78.0884, 80.1019, 80.0781



73.5990, 80.1019, 81.7855

Rectangle

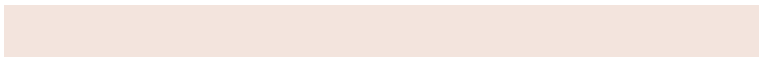
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



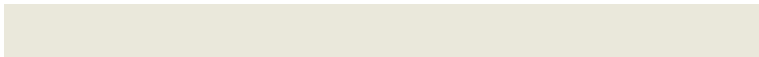
74.2134, 80.1019, 94.7688



76.8556, 80.1019, 96.4992



78.0884, 80.1019, 80.0781



75.4179, 80.1019, 78.5506

Sweetspot

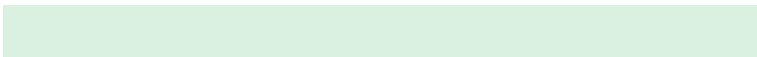
The Sweet Spot groups the original color and five complimentary colors.



74.2157, 80.1053, 94.7706



91.5534, 97.1021, 108.5249



73.9470, 83.2481, 83.3350



19.4005, 20.6208, 23.2076



0.0000, 0.0000, 0.0000



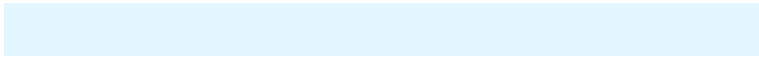
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2157, 80.1053, 94.7706



82.8109, 89.7390, 107.5645



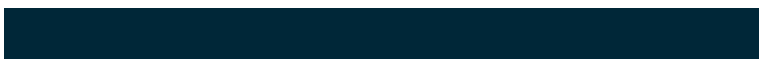
71.0728, 73.8195, 93.7230



15.8180, 17.0700, 20.1828



16.2964, 18.8171, 47.9010



1.4429, 1.7398, 4.0140

Inverse Universe

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



76.2001, 74.7857, 88.2647



85.4018, 82.8534, 99.0565



79.0425, 83.9855, 78.3758



16.2376, 15.9447, 18.8072



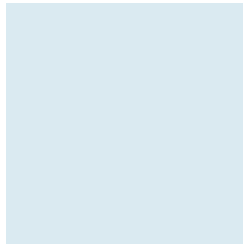
23.5513, 11.6929, 21.3515



2.0033, 0.9904, 2.0080

Previews

White Background



This preview shows how the XYZ color 74.2134, 80.1019, 94.7688 looks on a white background.

Color Contrast Check

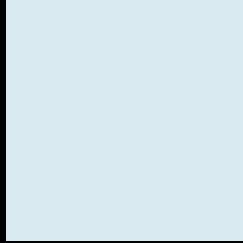
Large Text (above 18pt) WCAG AA × Fail

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 74.2134, 80.1019, 94.7688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

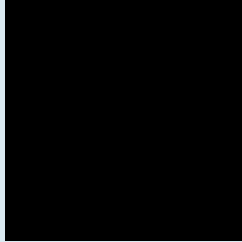
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

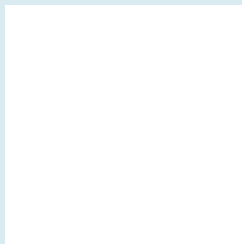
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2134, 80.1019, 94.7688

Background



This preview shows how black text looks on a background with the XYZ color 74.2134, 80.1019, 94.7688.

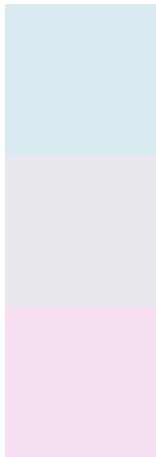


This preview shows how white text looks on a background with the XYZ color 74.2134, 80.1019,

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

74.2134, 80.1019, 94.7688

Protanopia

77.3337, 80.0903, 92.2720

Deuteranopia

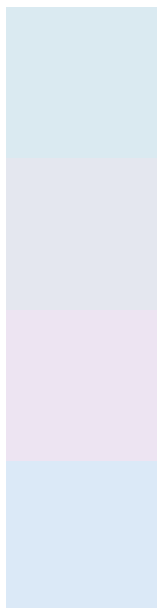
81.5447, 79.7388, 95.8873



Tritanopia

75.7844, 79.8939, 102.6936

Trichromacy



Original Color

74.2134, 80.1019, 94.7688

Protanomaly

76.1508, 79.8778, 93.0657

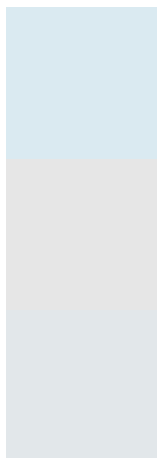
Deuteranomaly

78.6955, 79.9021, 95.2794

Tritanomaly

75.1408, 80.0533, 99.4872

Monochromacy



Original Color

74.2134, 80.1019, 94.7688

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.7912, 79.2611, 89.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2134, 80.1019, 94.7688 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, 234, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 234, 241)  
}
```

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, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 234, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.2134, 80.1019, 94.7688 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, 234, 241) }
```


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

```
.border{ border-color:rgb(218, 234, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 234, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 234, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 234, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 234,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2134, 80.1019, 94.7688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 234, 241) }
```

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

```
.background{ background-color: rgb(218,  
234, 241) }
```

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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