

Converting Colors

XYZ(74.3241, 80.8650, 79.2297)

Have a look what the booklet for
XYZ(74.3241, 80.8650, 79.2297)
contains.

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Color

**XYZ(74.3052, 80.9149,
79.4120)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3EBDC |
| RGB | 227, 235, 220 |
| RGB Percent | 89%, 92%, 86% |
| CMY | 0.1098, 0.0784, 0.1372 |
| CMYK | 0.03, 0.00, 0.06, 0.08 |
| HSL | 92°, 27%, 89% |
| HSV | 92°, 6%, 92% |
| XYZ | 74.3052, 80.9149, 79.4120 |
| YIQ | 230.8980, 0.0470, -6.3610 |

Conversions

Conversions Part 2

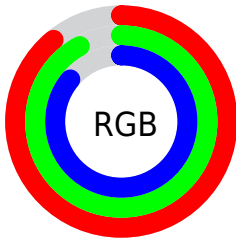
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 220, 235, 228 |
| Decimal | 14937052 |
| CIE Lab | 92.09, -5.31, 6.34 |
| CIE LCh | 92, 8.274, 129.968 |
| Yxy | 80.9149, 0.3167, 0.3449 |
| Android (android.graphics.Color) | 4293127132 (0xFFE3EBDC) |
| YUV | 230.8980, -5.3727, -3.4185 |
| Hunter-Lab | 89.9527, -9.9678, 10.6245 |

Details

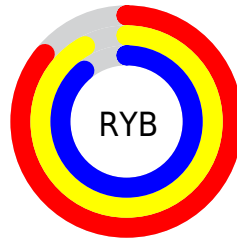
The XYZ color **74.3052, 80.9149, 79.4120** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.5866, 73.6808, 88.9976**, and the grayscale version is **75.9204, 79.8742, 86.9830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9249, 43.7275, 41.9333** is the 20% darker color. If you saturate the color by 10%, you get **67.5982, 77.7944, 63.9772**, and if you desaturate by 10%, it is **81.7422, 84.3659, 97.1683**.

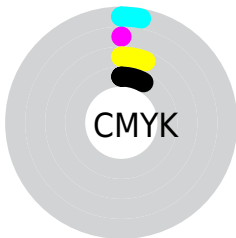
Distribution



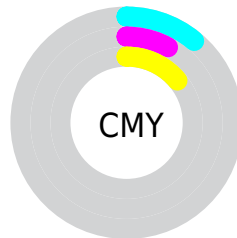
- Red (89%)
- Green (92%)
- Blue (86%)



- Red (86%)
- Yellow (92%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3052, 80.9149, 79.4120 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 74.3052, 80.9149, 79.4120 by changing the saturation by 10% instead.

■ 74.3052, 80.9149,
79.4120

■ 74.3052, 80.9149,
79.4120

464.5601,
498.0108, 512.6034

■ 55.3360, 60.4715,
58.7113

124.3215,
134.6513, 134.3426

■ 39.9057, 43.7988,
41.9623

156.0994,
168.7130, 169.4096

■ 27.6489, 30.5124,
28.7464

192.8776,
208.0831, 210.1025

■ 18.2003, 20.2278,
18.6451

235.0214,
253.1457, 256.8398

■ 11.1944, 12.5608,
11.2399

282.8962,
304.2855, 310.0399

■ 6.2660, 7.1268,
6.1123

336.8673,

■ 3.0497, 3.5415,

361.8866, 370.1216

2.8436

397.3002,
426.3336, 437.5032

■ 1.1801, 1.4206,
1.0153

■ 0.0906, 0.2318,
0.0000

■ 74.3052, 80.9149,
79.4120

■ 74.3052, 80.9149,
79.4120

■ 67.5982, 77.7944,
63.9772

■ 81.7422, 84.3659,
97.1683

■ 61.5904, 74.9835,
50.7626

■ 87.9321, 87.3494,
106.8333

■ 56.2581, 72.4746,
39.6674

■ 88.9999, 87.8999,
106.8833

■ 51.5740, 70.2562,
30.5811

■ 47.5084, 68.3154,
23.3827

■ 44.0289, 66.6385,
17.9388

■ 41.0996, 65.2104,
14.0980

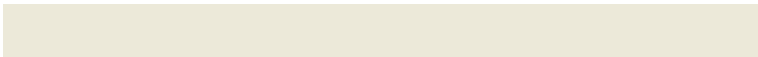
■ 38.6793, 64.0136,
11.6836

■ 36.7179, 63.0272,
10.4742

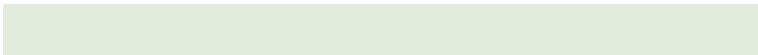
Harmonies

Analogous

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



76.2001, 80.9149, 77.0435



74.3052, 80.9149, 79.4120



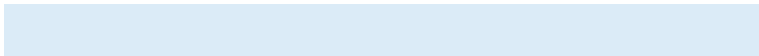
73.1217, 80.9149, 84.1439

Triad

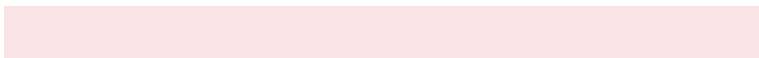
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3052, 80.9149, 79.4120



75.5122, 80.9149, 99.5930



81.0136, 80.9149, 86.0870

Complementary

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



74.3052, 80.9149, 79.4120



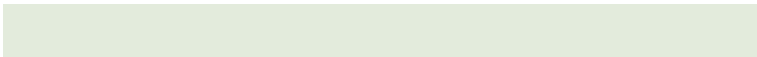
72.5866, 73.6808, 88.9976

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.



80.8211, 80.9149, 92.1835



74.3052, 80.9149, 79.4120



77.6186, 80.9149, 100.1723

Square

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



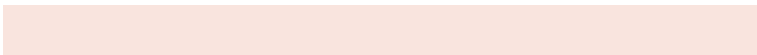
74.3052, 80.9149, 79.4120



73.8096, 80.9149, 95.8571



79.5692, 80.9149, 97.4051



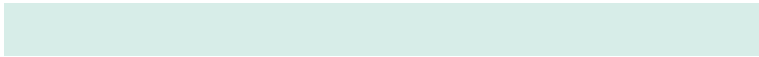
80.0902, 80.9149, 80.7779

Rectangle

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



74.3052, 80.9149, 79.4120



72.8823, 80.9149, 88.0960



79.5692, 80.9149, 97.4051



81.0776, 80.9149, 88.1091

Sweetspot

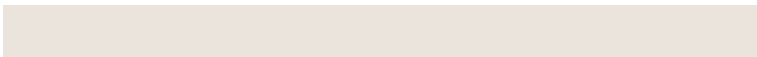
The Sweet Spot groups the original color and five complimentary colors.



74.3074, 80.9184, 79.4138



93.2457, 99.1635, 104.5862



74.9257, 78.3194, 78.8795



19.9774, 21.2339, 22.4309



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

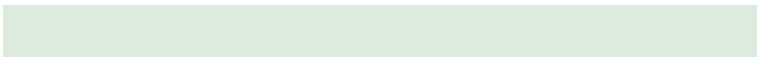
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3074, 80.9184, 79.4138



88.0465, 96.7491, 92.3285



72.2105, 79.8297, 79.6620



15.5364, 17.2065, 16.0211



20.2319, 34.9744, 5.6844



1.6988, 2.8031, 0.4515

Inverse Universe

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



72.5866, 73.6808, 88.9976



85.4688, 85.9073, 106.6848



74.7805, 74.8201, 88.7235



14.9986, 14.9445, 19.0163



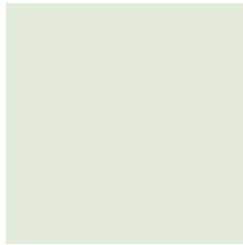
13.2313, 5.8569, 44.1761



1.1499, 0.5171, 3.4741

Previews

White Background



This preview shows how the XYZ color 74.3052, 80.9149, 79.4120 looks on a white background.

Color Contrast Check

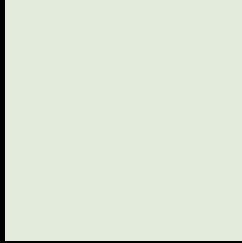
Large Text (above 18pt) WCAG AA × Fail

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 74.3052, 80.9149, 79.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

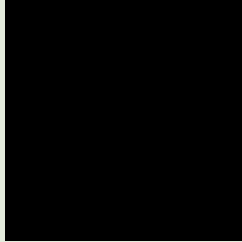
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

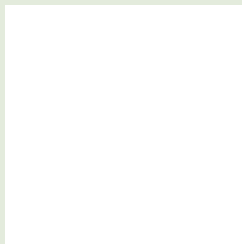
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3052, 80.9149, 79.4120

Background



This preview shows how black text looks on a background with the XYZ color 74.3052, 80.9149, 79.4120.



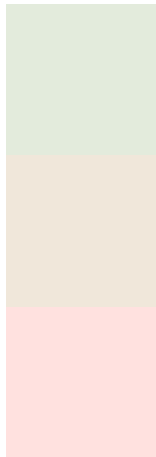
This preview shows how white text looks on a background with the XYZ color 74.3052, 80.9149,

79.4120.

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

74.3052, 80.9149, 79.4120

Protanopia

77.1660, 80.7390, 77.8468

Deuteranopia

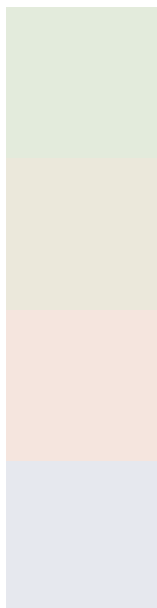
81.4845, 80.4381, 81.0435



Tritanopia

78.6298, 80.9803, 101.1091

Trichromacy



Original Color

74.3052, 80.9149, 79.4120

Protanomaly

75.9037, 80.4899, 78.5534

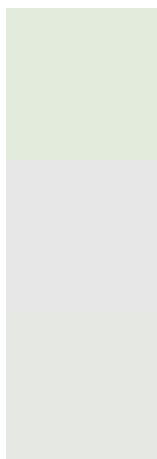
Deuteranomaly

78.8603, 80.7250, 80.5323

Tritanomaly

76.9224, 80.7093, 92.4131

Monochromacy



Original Color

74.3052, 80.9149, 79.4120

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3549, 80.0823, 84.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3052, 80.9149, 79.4120 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(227, 235, 220) looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 220)  
}
```

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(227, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.3052, 80.9149, 79.4120 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(227, 235, 220) }
```


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

```
.border{ border-color:rgb(227, 235, 220) }
```

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

Here you see how a box with a 4 pixel rgb(227, 235, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3052, 80.9149, 79.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 220) }
```

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

```
.background{ background-color: rgb(227,  
235, 220) }
```

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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