

Converting Colors

XYZ(74.2706, 80.5896, 89.0327)

Have a look what the booklet for
XYZ(74.2706, 80.5896, 89.0327)
contains.

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Color

**XYZ(74.2351, 80.6720,
88.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEBE9
RGB	221, 235, 233
RGB Percent	87%, 92%, 91%
CMY	0.1333, 0.0784, 0.0863
CMYK	0.06, 0.00, 0.01, 0.08
HSL	171°, 26%, 89%
HSV	171°, 6%, 92%
XYZ	74.2351, 80.6720, 88.7494
YIQ	230.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

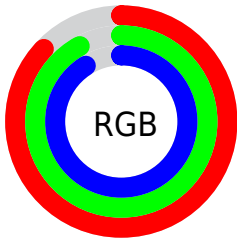
Format	Color
R _Y B	221, 229, 235
Decimal	14543849
CIE Lab	91.99, -4.99, -0.64
CIE LCh	92, 5.034, 187.323
Yxy	80.6720, 0.3047, 0.3311
Android (android.graphics.Color)	4292733929 (0xFFDDEBE9)
YUV	230.5860, 1.1901, -8.4069
Hunter-Lab	89.8176, -9.6488, 4.2874

Details

The XYZ color **74.2351, 80.6720, 88.7494** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.4396, 74.7049, 80.3647**, and the grayscale version is **75.6455, 79.5849, 86.6680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7818, 43.5215, 47.8987** is the 20% darker color. If you saturate the color by 10%, you get **67.0996, 77.0507, 85.9331**, and if you desaturate by 10%, it is **82.3859, 84.8201, 91.6643**.

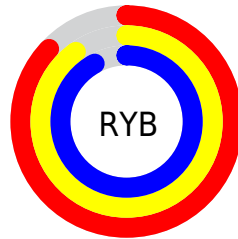
Distribution



Red (87%)

Green (92%)

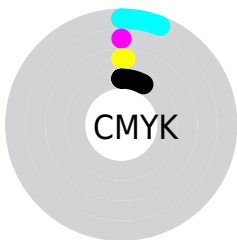
Blue (91%)



Red (87%)

Yellow (90%)

Blue (92%)

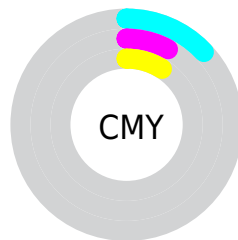


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (8%)



Cyan (13%)

Magenta (8%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2351, 80.6720, 88.7494 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 74.2351, 80.6720, 88.7494 by changing the saturation by 10% instead.

■ 74.2351, 80.6720,
88.7494

■ 74.2351, 80.6720,
88.7494

464.3222,
497.1946, 544.4190

■ 55.2784, 60.2715,
66.3760

124.2227,
134.3101, 147.5203

■ 39.8594, 43.6375,
48.1193

155.9844,
168.3165, 184.7550

■ 27.6127, 30.3856,
33.5607

192.7452,
207.6270, 227.7804

■ 18.1729, 20.1315,
22.2817

234.8703,
252.6260, 277.0152

■ 11.1746, 12.4907,
13.8637

282.7252,
303.6979, 332.8780

■ 6.2526, 7.0788,
7.8883

336.6753,

■ 3.0414, 3.5114,

361.2270, 395.7871

3.9368

397.0858,
425.5978, 466.1613

■ 1.1757, 1.4042,
1.5907

■ 0.0870, 0.2198,
0.2842

■ 74.2351, 80.6720,
88.7494

■ 74.2351, 80.6720,
88.7494

■ 67.0996, 77.0507,
85.9331

■ 82.3859, 84.8201,
91.6643

■ 60.9310, 73.9246,
83.2080

■ 86.6375, 86.9548,
94.4431

■ 55.6874, 71.2744,
80.5734

■ 87.1410, 87.1562,
97.0949

■ 51.3211, 69.0753,
78.0268

■ 87.6539, 87.3613,
99.7956

■ 47.7799, 67.3005,
75.5656

■ 88.1761, 87.5702,
102.5456

■ 45.0061, 65.9204,
73.1868

■ 88.7077, 87.7829,
105.3450

■ 42.9348, 64.9013,
70.8871

■ 88.9999, 87.8997,
106.8833

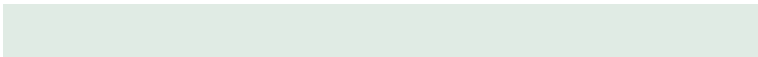
■ 41.4898, 64.2041,
68.6626

■ 40.5770, 63.7803,
66.5086

Harmonies

Analogous

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



74.4036, 80.6720, 85.1196



74.2351, 80.6720, 88.7494



74.7148, 80.6720, 92.2293

Triad

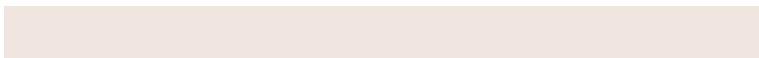
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2351, 80.6720, 88.7494



78.1946, 80.6720, 93.6269



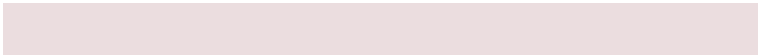
77.6395, 80.6720, 81.4265

Complementary

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



74.2351, 80.6720, 88.7494



73.4396, 74.7049, 80.3647

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.



78.6718, 80.6720, 83.5885



74.2351, 80.6720, 88.7494



78.9949, 80.6720, 90.6138

Square

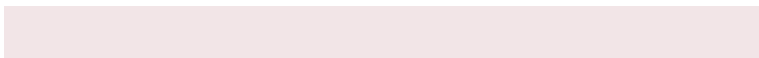
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



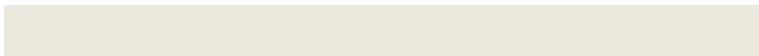
74.2351, 80.6720, 88.7494



76.9939, 80.6720, 95.0963



79.1705, 80.6720, 86.9330



76.3596, 80.6720, 80.9589

Rectangle

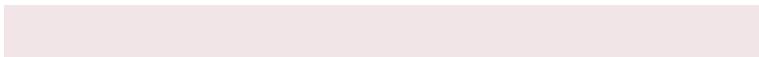
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



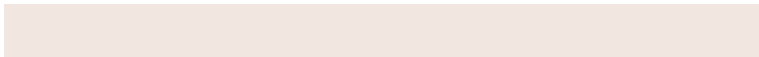
74.2351, 80.6720, 88.7494



75.3409, 80.6720, 93.9730



79.1705, 80.6720, 86.9330



78.0274, 80.6720, 81.9762

Sweetspot

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



74.2374, 80.6754, 88.7512



93.0812, 98.9986, 108.1957



73.2242, 80.3445, 80.0566



19.9438, 21.2003, 23.1658



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

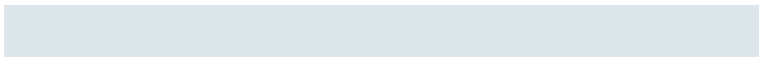
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2374, 80.6754, 88.7512



88.3766, 96.6069, 106.4554



73.1413, 78.0225, 89.8062



15.7203, 17.2354, 19.0082



22.4626, 35.4395, 36.7305



1.7893, 2.7930, 3.0180

Inverse Universe

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



73.4396, 74.7049, 80.3647



87.2519, 88.1890, 94.6313



74.4841, 77.2236, 79.3878



15.5045, 15.6198, 16.7389



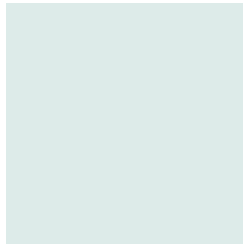
19.2532, 9.9040, 1.8687



1.5393, 0.7887, 0.2911

Previews

White Background



This preview shows how the XYZ color 74.2351, 80.6720, 88.7494 looks on a white background.

Color Contrast Check

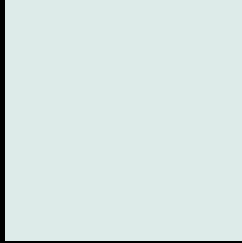
Large Text (above 18pt) WCAG AA × Fail

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 74.2351, 80.6720, 88.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

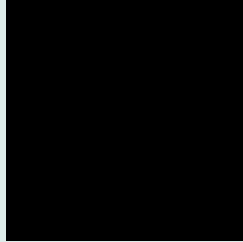
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

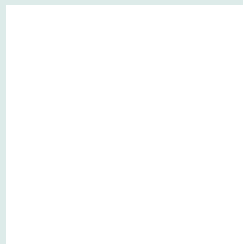
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2351, 80.6720, 88.7494

Background



This preview shows how black text looks on a background with the XYZ color 74.2351, 80.6720, 88.7494.



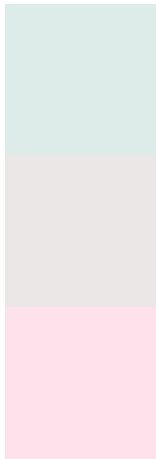
This preview shows how white text looks on a background with the XYZ color 74.2351, 80.6720,

88.7494.

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

74.2351, 80.6720, 88.7494

Protanopia

77.5918, 80.7542, 87.0989

Deuteranopia

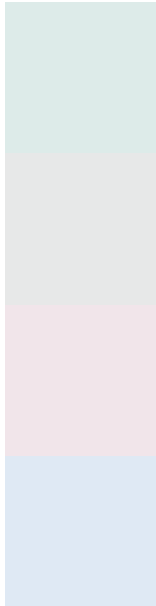
82.4286, 80.7312, 89.8355



Tritanopia

77.0097, 80.5256, 102.7509

Trichromacy



Original Color

74.2351, 80.6720, 88.7494

Protanomaly

76.3771, 80.5283, 87.8620

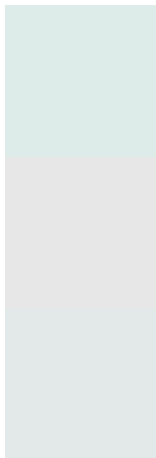
Deuteranomaly

79.1462, 80.6799, 89.2432

Tritanomaly

75.8995, 80.4975, 97.1252

Monochromacy



Original Color

74.2351, 80.6720, 88.7494

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1007, 79.8703, 87.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2351, 80.6720, 88.7494 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, 233) looks like.

```
.text, #text, p{  
    color:rgb(221, 235, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 235, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.2351, 80.6720, 88.7494 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, 233) }
```


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

```
.border{ border-color:rgb(221, 235, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(221, 235,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2351, 80.6720, 88.7494 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, 233) }
```

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

```
.background{ background-color: rgb(221,  
235, 233) }
```

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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