

Converting Colors

XYZ(74.4913, 79.5918, 80.7041)

Have a look what the booklet for
XYZ(74.4913, 79.5918, 80.7041)
contains.

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Color

**XYZ(74.6746, 79.8101,
80.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E8DE
RGB	230, 232, 222
RGB Percent	90%, 91%, 87%
CMY	0.0980, 0.0902, 0.1294
CMYK	0.01, 0.00, 0.04, 0.09
HSL	72°, 18%, 89%
HSV	72°, 4%, 91%
XYZ	74.6746, 79.8101, 80.5764
YIQ	230.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

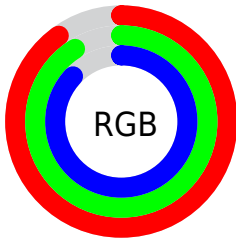
Format	Color
R _Y B	222, 232, 224
Decimal	15132894
CIE Lab	91.60, -2.42, 4.61
CIE LCh	92, 5.211, 117.704
Yxy	79.8101, 0.3177, 0.3395
Android (android.graphics.Color)	4293322974 (0xFFE6E8DE)
YUV	230.2620, -4.0732, -0.2298
Hunter-Lab	89.3365, -7.1343, 9.0594

Details

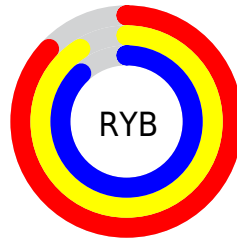
The XYZ color **74.6746, 79.8101, 80.5764** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4302, 73.9182, 86.8508**, and the grayscale version is **75.4378, 79.3665, 86.4301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1796, 42.9546, 42.7326** is the 20% darker color. If you saturate the color by 10%, you get **70.3058, 77.8951, 65.2416**, and if you desaturate by 10%, it is **79.5156, 81.9237, 98.1701**.

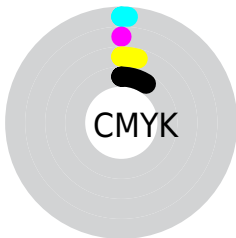
Distribution



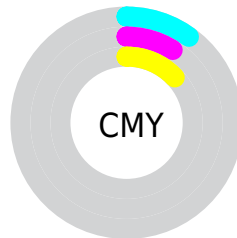
- Red (90%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6746, 79.8101, 80.5764 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 74.6746, 79.8101, 80.5764 by changing the saturation by 10% instead.

■ 74.6746, 79.8101,
80.5764

■ 74.6746, 79.8101,
80.5764

465.8128,
494.2926, 516.6311

■ 55.6396, 59.5621,
59.6638

124.8420,
133.0987, 135.9945

■ 40.1499, 43.0658,
42.7242

156.7051,
166.9081, 171.3372

■ 27.8402, 29.9367,
29.3390

193.5750,
206.0068, 212.3269

■ 18.3450, 19.7906,
19.0896

235.8169,
250.7791, 259.3823

■ 11.2992, 12.2429,
11.5576

283.7963,
301.6094, 312.9219

■ 6.3372, 6.9093,
6.3243

337.8785,

■ 3.0938, 3.4055,

358.8822, 373.3642

2.9713

398.4289,
422.9818, 441.1277

■ 1.2036, 1.3469,
1.0800

■ 0.1092, 0.1771,
0.0000

■ 74.6746, 79.8101,
80.5764

■ 74.6746, 79.8101,
80.5764

■ 70.3058, 77.8951,
65.2416

■ 79.5156, 81.9237,
98.1701

■ 66.3848, 76.1613,
52.0692

■ 82.6048, 83.3386,
106.3400

■ 62.8950, 74.6044,
40.9630

■ 84.1967, 84.1592,
106.4145

■ 59.8162, 73.2165,
31.8180

■ 85.8293, 85.0009,
106.4909

■ 57.1262, 71.9885,
24.5197

■ 87.5028, 85.8636,
106.5692

■ 54.8007, 70.9107,
18.9417

■ 88.1481, 86.1963,
106.5994

■ 52.8126, 69.9722,
14.9419

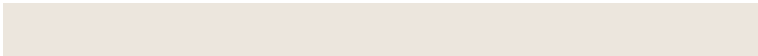
■ 51.1300, 69.1603,
12.3555

■ 49.7145, 68.4596,
10.9813

Harmonies

Analogous

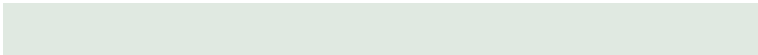
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9596, 79.8101, 79.7863



74.6746, 79.8101, 80.5764



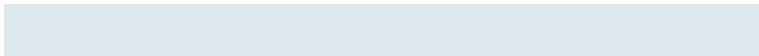
73.7163, 79.8101, 83.0457

Triad

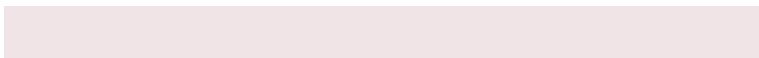
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6746, 79.8101, 80.5764



74.4992, 79.8101, 93.2376



78.4407, 79.8101, 87.1933

Complementary

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



74.6746, 79.8101, 80.5764



71.4302, 73.9182, 86.8508

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.



78.0390, 79.8101, 90.8710



74.6746, 79.8101, 80.5764



75.7547, 79.8101, 94.4236

Square

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



74.6746, 79.8101, 80.5764



73.6158, 79.8101, 90.3486



77.0520, 79.8101, 93.5453



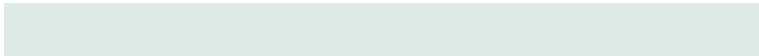
78.1434, 79.8101, 83.5395

Rectangle

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



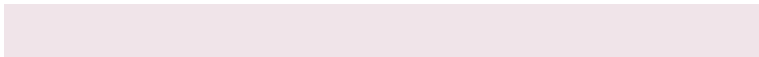
74.6746, 79.8101, 80.5764



73.3862, 79.8101, 85.3496



77.0520, 79.8101, 93.5453



78.3828, 79.8101, 88.4684

Sweetspot

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



74.6768, 79.8135, 80.5781



94.4544, 99.7401, 106.7433



73.1218, 75.7434, 79.8745



20.2234, 21.3512, 22.8702



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.



74.6768, 79.8135, 80.5781



92.1312, 98.7247, 98.4013



73.0954, 78.9983, 80.5041



15.6597, 16.8197, 16.5709



27.3036, 37.8570, 5.8681



2.0897, 2.8346, 0.4370

Inverse Universe

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



71.4302, 73.9182, 86.8508



87.4644, 90.2504, 107.4179



73.0025, 74.7287, 86.9244



14.7652, 15.1954, 18.2991



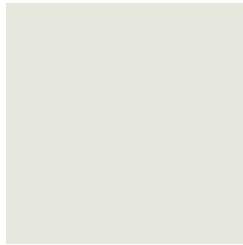
8.8052, 3.6052, 42.6149



0.7254, 0.3049, 3.1526

Previews

White Background



This preview shows how the XYZ color 74.6746, 79.8101, 80.5764 looks on a white background.

Color Contrast Check

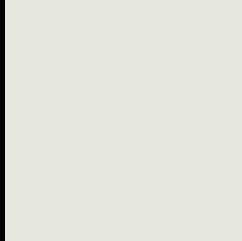
Large Text (above 18pt) WCAG AA × Fail

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 74.6746, 79.8101, 80.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

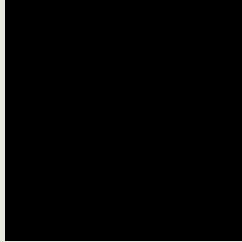
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

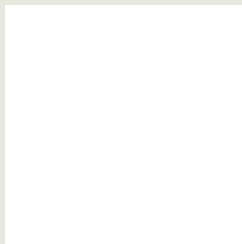
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6746, 79.8101, 80.5764

Background



This preview shows how black text looks on a background with the XYZ color 74.6746, 79.8101, 80.5764.



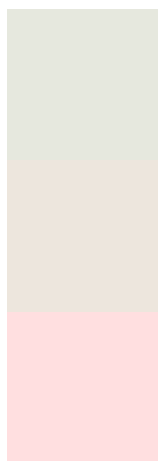
This preview shows how white text looks on a background with the XYZ color 74.6746, 79.8101,

80.5764.

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

74.6746, 79.8101, 80.5764

Protanopia

76.2730, 79.8186, 79.7931

Deuteranopia

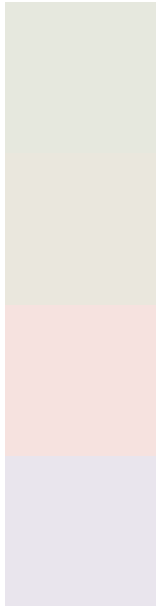
81.0822, 79.4172, 81.5766



Tritanopia

78.3096, 79.6331, 98.4321

Trichromacy



Original Color

74.6746, 79.8101, 80.5764

Protanomaly

75.5587, 79.8647, 79.8397

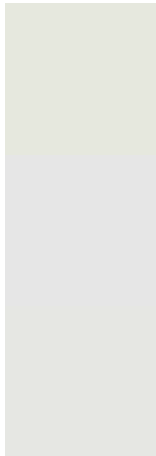
Deuteranomaly

78.5217, 79.3133, 80.9825

Tritanomaly

76.9096, 79.4767, 91.4077

Monochromacy



Original Color

74.6746, 79.8101, 80.5764

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0742, 79.5209, 84.0653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6746, 79.8101, 80.5764 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(230, 232, 222) looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 222)  
}
```

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(230, 232, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.6746, 79.8101, 80.5764 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(230, 232, 222) }
```


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

```
.border{ border-color:rgb(230, 232, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 232, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 222);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6746, 79.8101, 80.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 222) }
```

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

```
.background{ background-color: rgb(230,  
232, 222) }
```

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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