

Converting Colors

XYZ(74.3479, 80.1226, 77.8775)

Have a look what the booklet for
XYZ(74.3479, 80.1226, 77.8775)
contains.

XYZ(74.4269, 80.1628, 77.8799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4269, 80.1628,
77.8799)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E9DA
RGB	230, 233, 218
RGB Percent	90%, 91%, 85%
CMY	0.0980, 0.0863, 0.1451
CMYK	0.01, 0.00, 0.06, 0.09
HSL	72°, 25%, 88%
HSV	72°, 6%, 91%
XYZ	74.4269, 80.1628, 77.8799
YIQ	230.3930, 3.0270, -5.3010

Conversions

Conversions Part 2

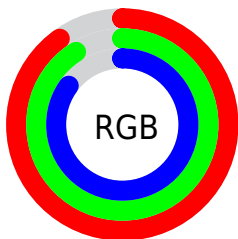
Format	Color
R _Y B	218, 233, 221
Decimal	15133146
CIE Lab	91.76, -3.62, 6.93
CIE LCh	92, 7.814, 117.561
Yxy	80.1628, 0.3202, 0.3448
Android (android.graphics.Color)	4293323226 (0xFFE6E9DA)
YUV	230.3930, -6.1097, -0.3447
Hunter-Lab	89.5337, -8.3018, 11.1008

Details

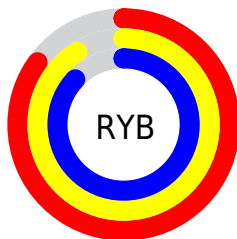
The XYZ color **74.4269, 80.1628, 77.8799** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.6014, 71.4004, 87.2083**, and the grayscale version is **75.5490, 79.4835, 86.5575**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7886, 43.0873, 40.8699** is the 20% darker color. If you saturate the color by 10%, you get **70.1130, 78.2691, 62.8649**, and if you desaturate by 10%, it is **79.2141, 82.2556, 95.1579**.

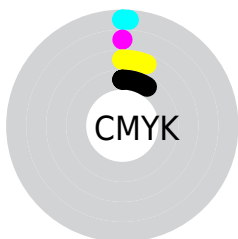
Distribution



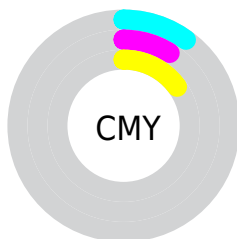
- Red (90%)
- Green (91%)
- Blue (85%)



- Red (85%)
- Yellow (91%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4269, 80.1628, 77.8799 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 74.4269, 80.1628, 77.8799 by changing the saturation by 10% instead.

■ 74.4269, 80.1628,
77.8799

■ 74.4269, 80.1628,
77.8799

464.9730,
495.4813, 507.2760

■ 55.4360, 59.8523,
57.4595

124.4930,
133.5946, 132.1651

■ 39.9862, 43.2996,
40.9624

156.2990,
167.4847, 166.8670

■ 27.7119, 30.1203,
27.9702

193.1074,
206.6702, 207.1665

■ 18.2480, 19.9299,
18.0644

235.2836,
251.5354, 253.4820

■ 11.2289, 12.3441,
10.8263

283.1929,
302.4647, 306.2322

■ 6.2894, 6.9785,
5.8375

337.2006,

■ 3.0642, 3.4486,

359.8425, 365.8355

2.6793

397.6722,
424.0533, 432.7106

■ 1.1878, 1.3702,
0.9330

■ 0.0967, 0.1946,
0.0000

■ 74.4269, 80.1628,
77.8799

■ 74.4269, 80.1628,
77.8799

■ 70.1130, 78.2691,
62.8649

■ 79.2141, 82.2556,
95.1579

■ 66.2476, 76.5569,
50.0139

■ 82.8997, 83.9098,
106.4347

■ 62.8135, 75.0217,
39.2285

■ 84.4985, 84.7340,
106.5095

■ 59.7900, 73.6553,
30.4005

■ 86.1382, 85.5793,
106.5862

■ 57.1543, 72.4485,
23.4121

■ 87.8193, 86.4459,
106.6649

■ 54.8812, 71.3912,
18.1324

■ 88.4305, 86.7611,
106.6935

■ 52.9424, 70.4720,
14.4137

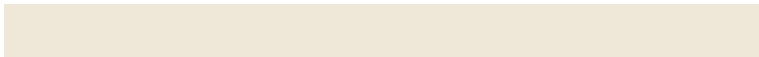
■ 51.3048, 69.6777,
12.0831

■ 49.9267, 68.9915,
10.9235

Harmonies

Analogous

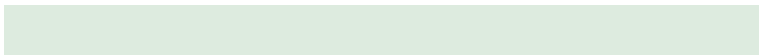
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3561, 80.1628, 76.7365



74.4269, 80.1628, 77.8799



72.9928, 80.1628, 81.5085

Triad

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



74.4269, 80.1628, 77.8799



74.1482, 80.1628, 96.9121



80.0992, 80.1628, 87.7532

Complementary

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



74.4269, 80.1628, 77.8799



69.6014, 71.4004, 87.2083

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.



79.4840, 80.1628, 93.3254



74.4269, 80.1628, 77.8799



76.0288, 80.1628, 98.7555

Square

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



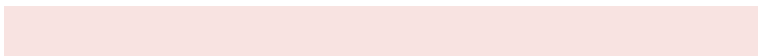
74.4269, 80.1628, 77.8799



72.8339, 80.1628, 92.4791



77.9855, 80.1628, 97.4155



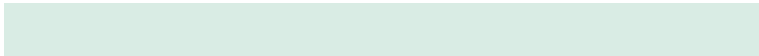
79.6525, 80.1628, 82.2865

Rectangle

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



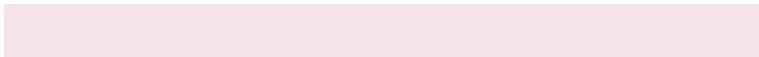
74.4269, 80.1628, 77.8799



72.4985, 80.1628, 84.9329



77.9855, 80.1628, 97.4155



80.0095, 80.1628, 89.6774

Sweetspot

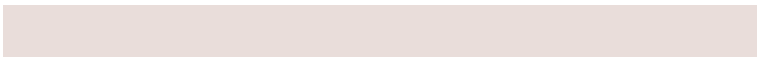
The Sweet Spot groups the original color and five complimentary colors.



74.4291, 80.1663, 77.8816



93.8649, 99.4827, 104.6152



72.1184, 74.1009, 76.8327



20.1034, 21.2988, 22.4368



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.



74.4291, 80.1663, 77.8816



90.4506, 97.9885, 92.4410



72.0741, 78.9522, 77.7714



16.0393, 17.4658, 16.0446



28.1748, 39.0691, 6.0561



2.2873, 3.1065, 0.4791

Inverse Universe

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



69.6014, 71.4004, 87.2083



83.1343, 84.7038, 106.5756



71.9358, 72.6038, 87.3176



14.5129, 14.6942, 18.9936



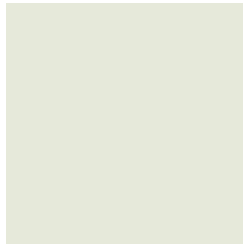
9.0821, 3.7179, 43.9819



0.7897, 0.3314, 3.4572

Previews

White Background



This preview shows how the XYZ color 74.4269, 80.1628, 77.8799 looks on a white background.

Color Contrast Check

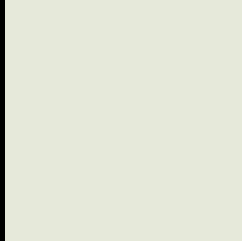
Large Text (above 18pt) WCAG AA × Fail

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 74.4269, 80.1628, 77.8799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

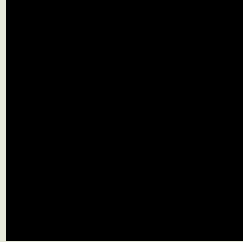
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

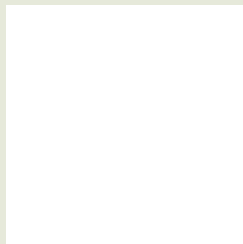
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4269, 80.1628, 77.8799

Background



This preview shows how black text looks on a background with the XYZ color 74.4269, 80.1628, 77.8799.



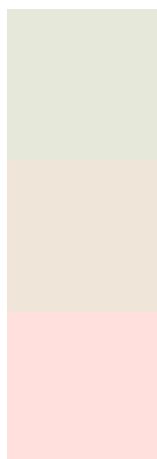
This preview shows how white text looks on a background with the XYZ color 74.4269, 80.1628, 77.8799.

77.8799.

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

74.4269, 80.1628, 77.8799

Protanopia

76.4178, 79.9541, 77.0507

Deuteranopia

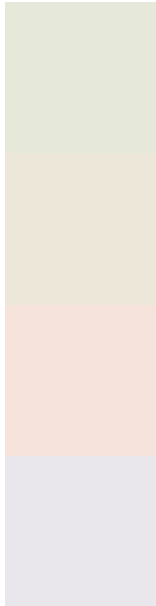
80.9468, 79.7918, 79.5416



Tritanopia

78.7395, 80.2464, 99.3348

Trichromacy



Original Color

74.4269, 80.1628, 77.8799

Protanomaly

75.6924, 79.9944, 77.0967

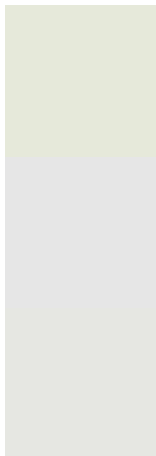
Deuteranomaly

78.3934, 79.6983, 78.9617

Tritanomaly

77.0414, 79.9734, 90.7328

Monochromacy



Original Color

74.4269, 80.1628, 77.8799

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9365, 79.4658, 83.3404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4269, 80.1628, 77.8799 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, 233, 218) looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 218)  
}
```

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, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.4269, 80.1628, 77.8799 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, 233, 218) }
```


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

```
.border{ border-color:rgb(230, 233, 218) }
```

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

Here you see how a box with a 4 pixel rgb(230, 233, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4269, 80.1628, 77.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 218) }
```

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

```
.background{ background-color: rgb(230,  
233, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor