

Converting Colors

XYZ(71.5095, 74.9180, 80.8033)

Have a look what the booklet for
XYZ(71.5095, 74.9180, 80.8033)
contains.

XYZ(71.3390, 74.8078, 80.4914)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(71.3390, 74.8078,
80.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0DF
RGB	226, 224, 223
RGB Percent	89%, 88%, 87%
CMY	0.1137, 0.1215, 0.1255
CMYK	0.00, 0.01, 0.01, 0.11
HSL	20°, 5%, 88%
HSV	20°, 1%, 89%
XYZ	71.3390, 74.8078, 80.4914
YIQ	224.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

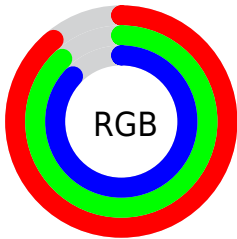
Format	Color
RYB	226, 225, 223
Decimal	14868703
CIELab	89.30, 0.50, 0.72
CIElCh	89, 0.876, 54.984
Yxy	74.8078, 0.3148, 0.3301
Android (android.graphics.Color)	4293058783 (0xFFE2E0DF)
YUV	224.4840, -0.7316, 1.3295
Hunter-Lab	86.4915, -4.1317, 5.3671

Details

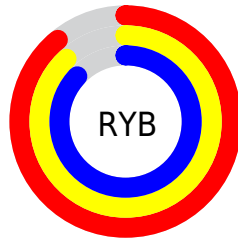
The XYZ color **71.3390, 74.8078, 80.4914** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0842, 75.0284, 82.6880**, and the grayscale version is **71.2040, 74.9121, 81.5793**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0504, 39.8610, 42.7343** is the 20% darker color. If you saturate the color by 10%, you get **64.6294, 65.9432, 64.2118**, and if you desaturate by 10%, it is **78.8170, 84.5565, 99.0355**.

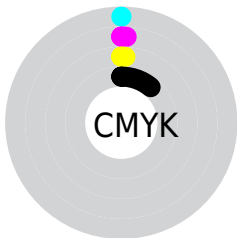
Distribution



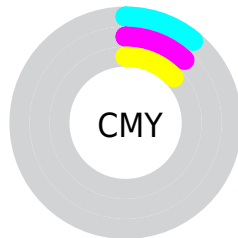
- Red (89%)
- Green (88%)
- Blue (87%)



- Red (89%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3390, 74.8078, 80.4914 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 71.3390, 74.8078, 80.4914 by changing the saturation by 10% instead.

■ 71.3390, 74.8078,
80.4914

■ 71.3390, 74.8078,
80.4914

454.4310,
477.2567, 516.3377

■ 52.9024, 55.4554,
59.5943

120.1322,
126.0403, 135.8740

■ 37.9520, 39.7665,
42.6685

151.2195,
158.6892, 171.1966

■ 26.1225, 27.3565,
29.2957

187.2545,
196.5390, 212.1647

■ 17.0485, 17.8412,
19.0571

228.6024,
239.9742, 259.1970

■ 10.3646, 10.8360,
11.5343

275.6287,
289.3792, 312.7118

■ 5.7055, 5.9567,
6.3088

328.6986,

■ 2.7058, 2.8188,

345.1384, 373.1279

2.9619

388.1776,
407.6361, 440.8637

■ 1.0001, 1.0379,
1.0752

■ 0.0000, 0.0000,
0.0000

■ 71.3390, 74.8078,
80.4914

■ 71.3390, 74.8078,
80.4914

■ 64.6294, 65.9432,
64.2118

■ 78.8170, 84.5565,
99.0355

■ 58.6568, 57.9281,
50.1046

■ 84.8818, 94.3236,
108.3403

■ 53.3965, 50.7397,
38.0784

■ 85.1745, 94.9090,
108.4378

■ 48.8203, 44.3508,
28.0335

■ 44.8978, 38.7323,
19.8618

■ 41.5961, 33.8534,
13.4449

■ 38.8792, 29.6810,
8.6506

■ 36.7068, 26.1792,
5.3278

■ 35.0321, 23.3078,
3.2958

Harmonies

Analogous

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



71.4763, 74.8078, 80.9561



71.3390, 74.8078, 80.4914



71.1386, 74.8078, 80.2844

Triad

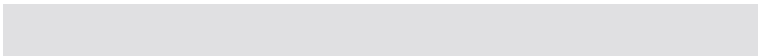
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3390, 74.8078, 80.4914



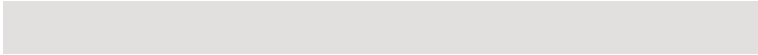
70.6933, 74.8078, 81.3500



71.2766, 74.8078, 82.5261

Complementary

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



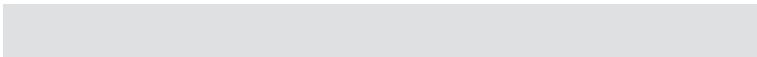
71.3390, 74.8078, 80.4914



71.0842, 75.0284, 82.6880

Split Complementary

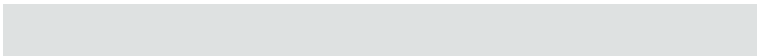
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0666, 74.8078, 82.6329



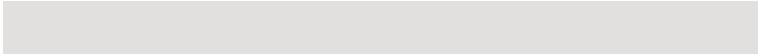
71.3390, 74.8078, 80.4914



70.7302, 74.8078, 81.9519

Square

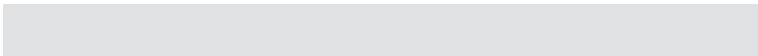
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



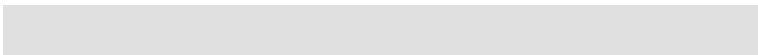
71.3390, 74.8078, 80.4914



70.7660, 74.8078, 80.7785



70.8667, 74.8078, 82.4222



71.4402, 74.8078, 82.1312

Rectangle

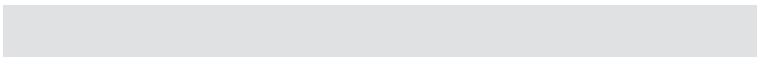
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



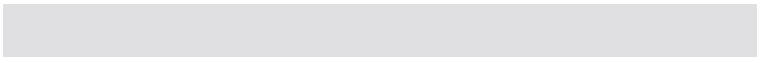
71.3390, 74.8078, 80.4914



70.9962, 74.8078, 80.3196



70.8667, 74.8078, 82.4222



71.2090, 74.8078, 82.5970

Sweetspot

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



71.3411, 74.8110, 80.4930

95.0500, 100.0000, 108.9000



71.3434, 74.3815, 81.8321



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



71.3411, 74.8110, 80.4930



93.1666, 97.5298, 104.2750



71.7450, 75.6188, 80.6277



15.1722, 15.8877, 17.0063



19.4509, 12.3397, 1.3566



1.4287, 1.0163, 0.1209

Inverse Universe

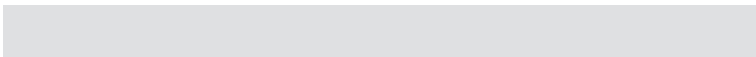
The Inverse Universe completely reimagines the original color for something new.



71.0842, 75.0284, 82.6880



92.6565, 97.9615, 108.6327



70.6815, 74.2231, 82.5538



15.0943, 15.9536, 17.6715



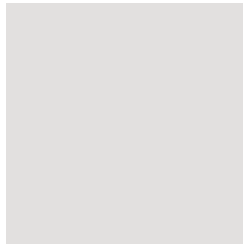
14.2011, 15.8718, 43.3635



1.0658, 1.2630, 3.0329

Previews

White Background



This preview shows how the XYZ color 71.3390, 74.8078, 80.4914 looks on a white background.

Color Contrast Check

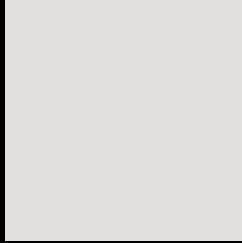
Large Text (above 18pt) WCAG AA × Fail

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 71.3390, 74.8078, 80.4914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

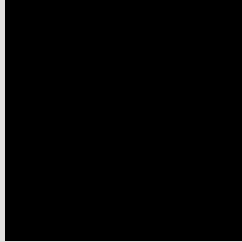
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

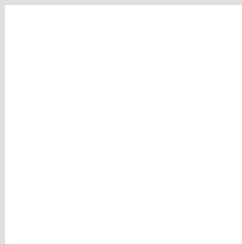
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3390, 74.8078, 80.4914

Background



This preview shows how black text looks on a background with the XYZ color 71.3390, 74.8078, 80.4914.



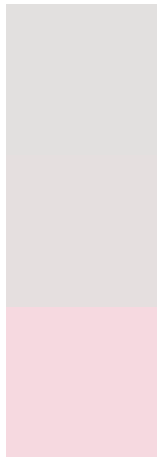
This preview shows how white text looks on a background with the XYZ color 71.3390, 74.8078,

80.4914.

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

71.3390, 74.8078, 80.4914

Protanopia

72.0201, 74.7611, 80.4465

Deuteranopia

76.2734, 74.6004, 80.9003



Tritanopia

73.6962, 74.9685, 92.2475

Trichromacy



Original Color

71.3390, 74.8078, 80.4914

Protanomaly

71.7019, 74.5970, 80.4316

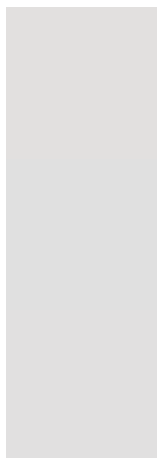
Deuteranomaly

74.6443, 74.9189, 81.0476

Tritanomaly

72.7742, 74.9894, 87.7296

Monochromacy



Original Color

71.3390, 74.8078, 80.4914

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1615, 74.7007, 81.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3390, 74.8078, 80.4914 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(226, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 223)  
}
```

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(226, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.3390, 74.8078, 80.4914 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(226, 224, 223) }
```

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

```
.border{ border-color:rgb(226, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 224, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 224, 223); box-shadow:4px 4px 4px 4px rgb(226, 224, 223) }
```


Background

The CSS property to change the background color of an element to XYZ 71.3390, 74.8078, 80.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 223) }
```

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

```
.background{ background-color: rgb(226,  
224, 223) }
```

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