

Converting Colors

XYZ(70.6132, 74.2711, 80.0210)

Have a look what the booklet for
XYZ(70.6132, 74.2711, 80.0210)
contains.

XYZ(70.5809, 74.4325, 79.7541)	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(70.5809, 74.4325,
79.7541)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E0DE
RGB	224, 224, 222
RGB Percent	88%, 88%, 87%
CMY	0.1216, 0.1215, 0.1294
CMYK	0.00, 0.00, 0.01, 0.12
HSL	60°, 3%, 87%
HSV	60°, 1%, 88%
XYZ	70.5809, 74.4325, 79.7541
YIQ	223.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

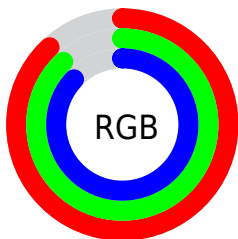
Format	Color
R _Y B	222, 224, 222
Decimal	14737630
CIE Lab	89.13, -0.35, 0.97
CIE LCh	89, 1.029, 110.026
Yxy	74.4325, 0.3140, 0.3312
Android (android.graphics.Color)	4292927710 (0xFFE0E0DE)
YUV	223.7720, -0.8736, 0.2000
Hunter-Lab	86.2743, -4.9493, 5.5828

Details

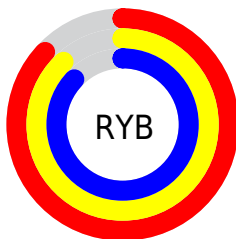
The XYZ color **70.5809, 74.4325, 79.7541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7029, 73.1559, 80.9716**, and the grayscale version is **70.6963, 74.3780, 80.9976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5252, 39.6010, 42.2252** is the 20% darker color. If you saturate the color by 10%, you get **67.7628, 73.3060, 64.9774**, and if you desaturate by 10%, it is **73.8021, 75.7250, 96.6350**.

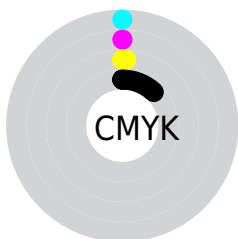
Distribution



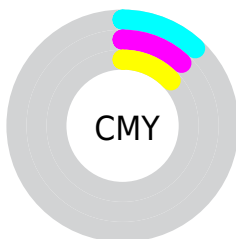
- Red (88%)
- Green (88%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5809, 74.4325, 79.7541 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 70.5809, 74.4325, 79.7541 by changing the saturation by 10% instead.

■ 70.5809, 74.4325,
79.7541

■ 70.5809, 74.4325,
79.7541

451.8217,
475.9647, 513.7886

■ 52.2816, 55.1481,
58.9910

119.0585,
125.5087, 134.8282

■ 37.4547, 39.5203,
42.1859

149.9676,
158.0693, 169.9764

■ 25.7350, 27.1647,
28.9203

185.8105,
195.8241, 210.7567

■ 16.7572, 17.6970,
18.7754

226.9527,
239.1575, 257.5876

■ 10.1557, 10.7327,
11.3330

273.7596,
288.4538, 310.8877

■ 5.5654, 5.8874,
6.1743

326.5965,

■ 2.6208, 2.7767,

344.0976, 371.0756

2.8808

385.8287,
406.4731, 438.5697

■ 0.9566, 1.0163,
1.0341

■ 0.0000, 0.0000,
0.0000

■ 70.5809, 74.4325,
79.7541

■ 70.5809, 74.4325,
79.7541

■ 67.7628, 73.3060,
64.9774

■ 73.8021, 75.7250,
96.6350

■ 65.3260, 72.3297,
52.2178

■ 75.4758, 76.3960,
105.3756

■ 63.2559, 71.5001,
41.3893

■ 75.4897, 76.4032,
105.3763

■ 61.5347, 70.8100,
32.3978

■ 75.5036, 76.4104,
105.3769

60.1430, 70.2517,
25.1416

75.5175, 76.4175,
105.3776

59.0595, 69.8167,
19.5087

75.5314, 76.4247,
105.3783

58.2607, 69.4956,
15.3744

75.5453, 76.4319,
105.3789

57.7193, 69.2774,
12.5958

75.5592, 76.4390,
105.3796

57.4029, 69.1492,
11.0022

75.5732, 76.4462,
105.3802

Harmonies

Analogous

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



70.8294, 74.4325, 79.6922



70.5809, 74.4325, 79.7541



70.3771, 74.4325, 80.1606

Triad

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



70.5809, 74.4325, 79.7541



70.4366, 74.4325, 82.1070



71.2217, 74.4325, 81.2837

Complementary

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



70.5809, 74.4325, 79.7541



69.7029, 73.1559, 80.9716

Split Complementary

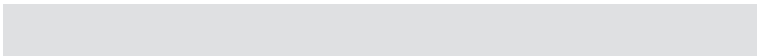
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1159, 74.4325, 81.9345



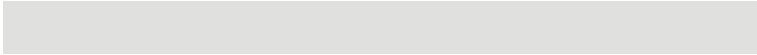
70.5809, 74.4325, 79.7541



70.6624, 74.4325, 82.4117

Square

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



70.5809, 74.4325, 79.7541



70.2939, 74.4325, 81.5181



70.9111, 74.4325, 82.3484



71.1998, 74.4325, 80.5725

Rectangle

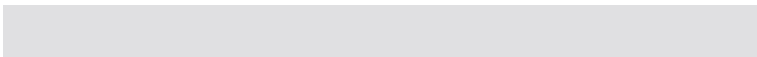
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.5809, 74.4325, 79.7541



70.2937, 74.4325, 80.5736



70.9111, 74.4325, 82.3484



71.1999, 74.4325, 81.5169

Sweetspot

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



70.5830, 74.4357, 79.7557

95.0500, 100.0000, 108.9000



70.0488, 73.3655, 79.5773



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

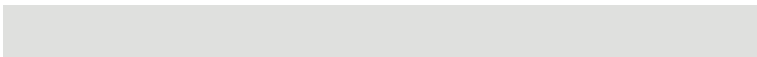
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5830, 74.4357, 79.7557



94.6402, 99.8359, 106.7520



70.2746, 74.2767, 79.7413



15.3971, 16.2397, 17.3845



33.3292, 40.2144, 6.0055



2.3111, 2.7879, 0.4163

Inverse Universe

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



69.7029, 73.1559, 80.9716



93.3118, 97.9043, 108.5871



70.0094, 73.3140, 80.9859



15.1944, 15.9449, 17.6645



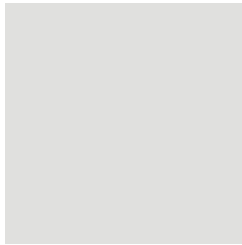
7.8359, 3.1349, 41.2405



0.5441, 0.2178, 2.8586

Previews

White Background



This preview shows how the XYZ color 70.5809, 74.4325, 79.7541 looks on a white background.

Color Contrast Check

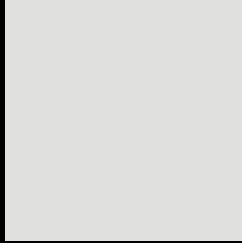
Large Text (above 18pt) WCAG AA × Fail

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 70.5809, 74.4325, 79.7541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

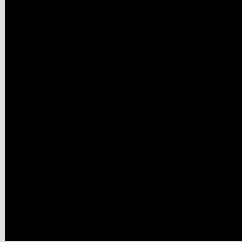
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

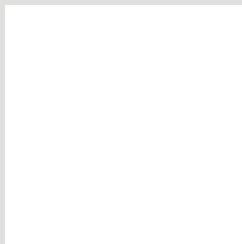
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5809, 74.4325, 79.7541

Background



This preview shows how black text looks on a background with the XYZ color 70.5809, 74.4325, 79.7541.

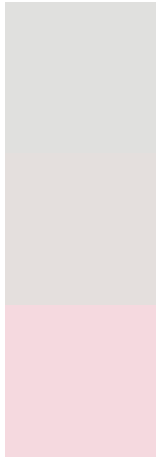


This preview shows how white text looks on a background with the XYZ color 70.5809, 74.4325,

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

70.5809, 74.4325, 79.7541

Protanopia

71.4337, 74.4898, 79.0196

Deuteranopia

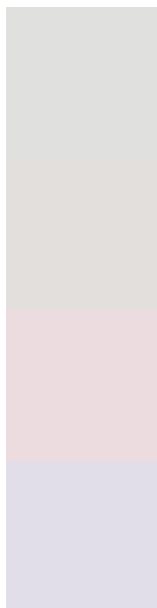
75.7883, 74.3659, 80.1716



Tritanopia

73.1150, 74.2758, 92.1444

Trichromacy



Original Color

70.5809, 74.4325, 79.7541

Protanomaly

71.1174, 74.3267, 79.0048

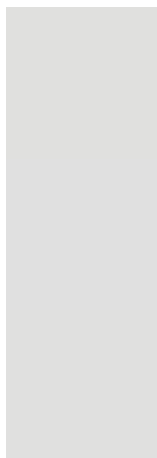
Deuteranomaly

73.8375, 74.5186, 80.3039

Tritanomaly

72.1933, 74.2945, 87.6261

Monochromacy



Original Color

70.5809, 74.4325, 79.7541

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7154, 74.4863, 80.4622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5809, 74.4325, 79.7541 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(224, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 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(224, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 70.5809, 74.4325, 79.7541 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(224, 224, 222) }
```

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

```
.border{ border-color:rgb(224, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
222) }
```


Background

The CSS property to change the background color of an element to XYZ 70.5809, 74.4325, 79.7541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 222) }
```

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

```
.background{ background-color: rgb(224,  
224, 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](#).

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