

Converting Colors

XYZ(70.0763, 74.1636, 77.6802)

Have a look what the booklet for
XYZ(70.0763, 74.1636, 77.6802)
contains.

XYZ(70.1823, 74.2731, 77.6550)	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(70.1823, 74.2731,
77.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E0DB
RGB	224, 224, 219
RGB Percent	88%, 88%, 86%
CMY	0.1216, 0.1215, 0.1412
CMYK	0.00, 0.00, 0.02, 0.12
HSL	60°, 7%, 87%
HSV	60°, 2%, 88%
XYZ	70.1823, 74.2731, 77.6550
YIQ	223.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

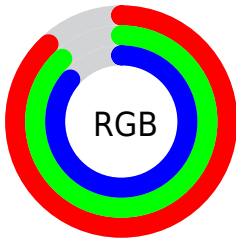
Format	Color
R _Y B	219, 224, 219
Decimal	14737627
CIE Lab	89.05, -0.88, 2.43
CIE LCh	89, 2.588, 109.939
Yxy	74.2731, 0.3160, 0.3344
Android (android.graphics.Color)	4292927707 (0xFFE0E0DB)
YUV	223.4300, -2.1840, 0.4999
Hunter-Lab	86.1818, -5.4565, 6.9035

Details

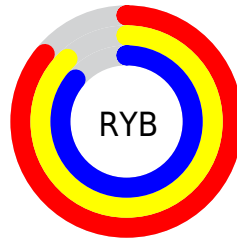
The XYZ color **70.1823, 74.2731, 77.6550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0024, 71.1070, 80.6658**, and the grayscale version is **70.4611, 74.1306, 80.7282**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2510, 39.4913, 40.7812** is the 20% darker color. If you saturate the color by 10%, you get **67.4245, 73.1717, 63.1539**, and if you desaturate by 10%, it is **73.3412, 75.5397, 94.2495**.

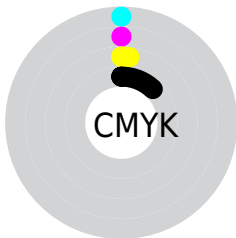
Distribution



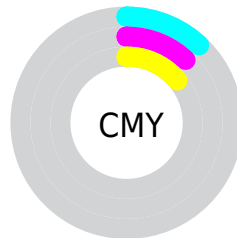
- Red (88%)
- Green (88%)
- Blue (86%)



- Red (86%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1823, 74.2731, 77.6550 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 70.1823, 74.2731, 77.6550 by changing the saturation by 10% instead.

■ 70.1823, 74.2731,
77.6550

■ 70.1823, 74.2731,
77.6550

450.4463,
475.4154, 506.4912

■ 51.9553, 55.0176,
57.2759

118.4935,
125.2829, 131.8451

■ 37.1936, 39.4158,
40.8159

149.3085,
157.8059, 166.4931

■ 25.5318, 27.0834,
27.8567

185.0501,
195.5203, 206.7346

■ 16.6045, 17.6358,
17.9795

226.0838,
238.8103, 252.9879

■ 10.0465, 10.6889,
10.7660

272.7750,
288.0605, 305.6717

■ 5.4923, 5.8580,
5.7975

325.4888,

■ 2.5766, 2.7589,

343.6551, 365.2045

2.6556

384.5908,
405.9786, 432.0048

■ 0.9340, 1.0072,
0.9209

■ 0.0000, 0.0000,
0.0000

■ 70.1823, 74.2731,
77.6550

■ 70.1823, 74.2731,
77.6550

■ 67.4245, 73.1717,
63.1539

■ 73.3412, 75.5397,
94.2495

■ 65.0459, 72.2195,
50.6585

■ 75.4597, 76.3878,
105.3749

■ 63.0316, 71.4132,
40.0820

■ 75.4655, 76.3908,
105.3752

■ 61.3637, 70.7453,
31.3294

■ 75.4714, 76.3938,
105.3755

60.0226, 70.2082,
24.2976

75.4772, 76.3968,
105.3757

58.9867, 69.7932,
18.8734

75.4830, 76.3998,
105.3760

58.2321, 69.4907,
14.9298

75.4889, 76.4028,
105.3763

57.7308, 69.2895,
12.3209

75.4947, 76.4058,
105.3765

57.4498, 69.1764,
10.8712

75.5006, 76.4089,
105.3768

Harmonies

Analogous

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



70.8061, 74.2731, 77.5047



70.1823, 74.2731, 77.6550



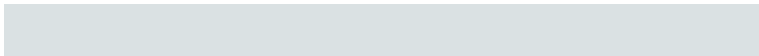
69.6718, 74.2731, 78.6597

Triad

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



70.1823, 74.2731, 77.6550



69.8180, 74.2731, 83.5536



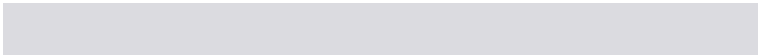
71.7931, 74.2731, 81.4780

Complementary

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



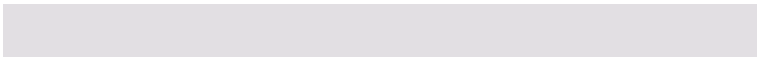
70.1823, 74.2731, 77.6550



68.0024, 71.1070, 80.6658

Split Complementary

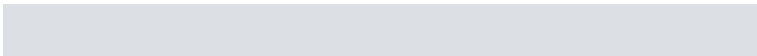
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5250, 74.2731, 83.1229



70.1823, 74.2731, 77.6550



70.3831, 74.2731, 84.3329

Square

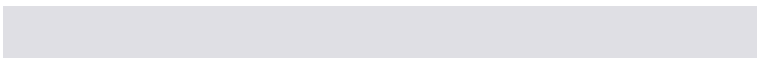
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



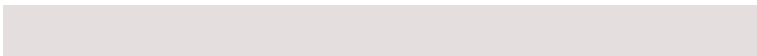
70.1823, 74.2731, 77.6550



69.4624, 74.2731, 82.0589



71.0080, 74.2731, 84.1741



71.7386, 74.2731, 79.6941

Rectangle

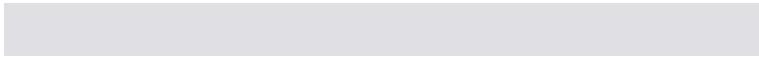
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1823, 74.2731, 77.6550



69.4633, 74.2731, 79.6873



71.0080, 74.2731, 84.1741



71.7377, 74.2731, 82.0659

Sweetspot

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



70.1844, 74.2763, 77.6566



94.6413, 99.8364, 106.7520



68.8605, 71.6266, 77.2149



20.2614, 21.3708, 22.8720



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.



70.1844, 74.2763, 77.6566



93.8402, 99.5158, 102.5417



69.4159, 73.8801, 77.6206



15.2148, 16.1667, 16.4257



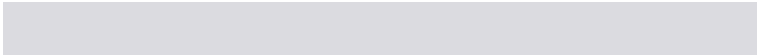
33.3753, 40.2381, 6.0077



2.3138, 2.7893, 0.4164

Inverse Universe

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



68.0024, 71.1070, 80.6658



89.9015, 93.7948, 107.9736



68.7596, 71.4973, 80.7012



14.4178, 15.0091, 17.5248



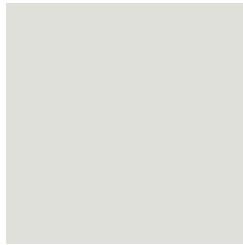
7.8334, 3.1336, 41.2403



0.5433, 0.2174, 2.8586

Previews

White Background



This preview shows how the XYZ color 70.1823, 74.2731, 77.6550 looks on a white background.

Color Contrast Check

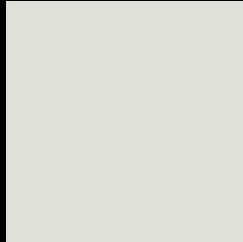
Large Text (above 18pt) WCAG AA × Fail

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 70.1823, 74.2731, 77.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

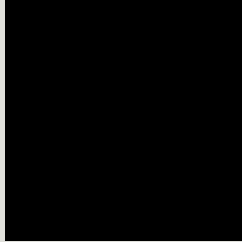
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

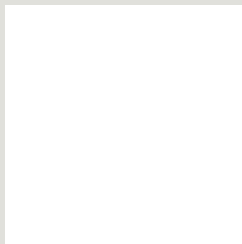
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1823, 74.2731, 77.6550

Background



This preview shows how black text looks on a background with the XYZ color 70.1823, 74.2731, 77.6550.

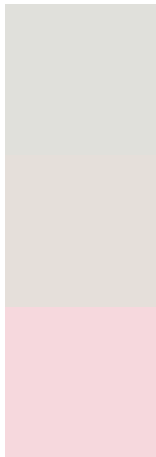


This preview shows how white text looks on a background with the XYZ color 70.1823, 74.2731,

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

70.1823, 74.2731, 77.6550

Protanopia

71.3557, 74.4953, 76.9479

Deuteranopia

75.6130, 73.9250, 78.6903



Tritanopia

72.9676, 74.2168, 91.3684

Trichromacy



Original Color

70.1823, 74.2731, 77.6550

Protanomaly

70.7211, 74.1682, 76.9182

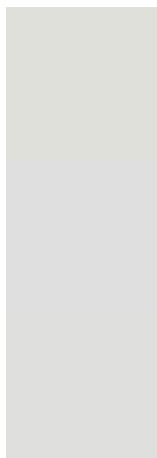
Deuteranomaly

73.5097, 74.0075, 78.1206

Tritanomaly

71.9091, 74.1808, 86.1296

Monochromacy



Original Color

70.1823, 74.2731, 77.6550

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0039, 73.7373, 79.6504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1823, 74.2731, 77.6550 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 70.1823, 74.2731, 77.6550 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, 219) }
```


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

```
.border{ border-color:rgb(224, 224, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1823, 74.2731, 77.6550 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, 219) }
```

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

```
.background{ background-color: rgb(224,  
224, 219) }
```

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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