

Converting Colors

XYZ(76.7082, 79.7122, 85.0172)

Have a look what the booklet for
XYZ(76.7082, 79.7122, 85.0172)
contains.

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Color

**XYZ(76.6150, 79.4729,
84.7006)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE5E4
RGB	236, 229, 228
RGB Percent	93%, 90%, 89%
CMY	0.0745, 0.1019, 0.1059
CMYK	0.00, 0.03, 0.03, 0.07
HSL	8°, 17%, 91%
HSV	8°, 3%, 93%
XYZ	76.6150, 79.4729, 84.7006
YIQ	230.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

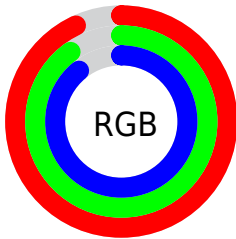
Format	Color
RYB	236, 229, 228
Decimal	15525348
CIELab	91.45, 2.19, 1.32
CIELCh	91, 2.558, 30.973
Yxy	79.4729, 0.3182, 0.3301
Android (android.graphics.Color)	4293715428 (0xFFECE5E4)
YUV	230.9790, -1.4686, 4.4034
Hunter-Lab	89.1476, -2.6022, 6.0709

Details

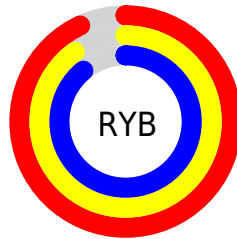
The XYZ color **76.6150, 79.4729, 84.7006** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8436, 81.9658, 91.1289**, and the grayscale version is **75.9502, 79.9055, 87.0171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5013, 42.9925, 45.6462** is the 20% darker color. If you saturate the color by 10%, you get **68.1853, 67.5029, 66.8152**, and if you desaturate by 10%, it is **86.1754, 92.9865, 105.1712**.

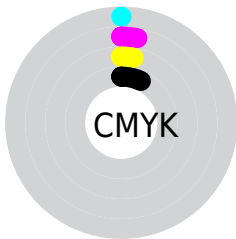
Distribution



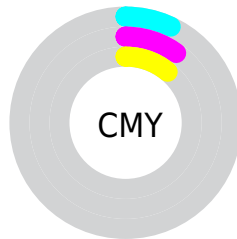
- Red (93%)
- Green (90%)
- Blue (89%)



- Red (93%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6150, 79.4729, 84.7006 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 76.6150, 79.4729, 84.7006 by changing the saturation by 10% instead.

76.6150, 79.4729,
84.7006

76.6150, 79.4729,
84.7006

472.3624,
493.1547, 530.7556

57.2358, 59.2847,
63.0453

127.5716,
132.6244, 141.8252

41.4354, 42.8423,
45.4366

159.8797,
166.3565, 178.1317

28.8487, 29.7614,
31.4560

197.2281,
205.3720, 220.1589

19.1101, 19.6576,
20.6850

239.9822,
250.0553, 268.3254

11.8543, 12.1464,
12.7049

288.5073,
300.7909, 323.0498

6.7160, 6.8435,
7.0973

343.1688,

3.3299, 3.3644,

357.9630, 384.7506

3.4437

404.3321,
421.9562, 453.8463

■ 1.3305, 1.3248,
1.3254

■ 0.2059, 0.1603,
0.0825

■ 76.6150, 79.4729,
84.7006

■ 76.6150, 79.4729,
84.7006

■ 68.1853, 67.5029,
66.8152

■ 86.1754, 92.9865,
105.1712

■ 60.8379, 57.0116,
51.4071

■ 88.4026, 96.5731,
108.5889

■ 54.5307, 47.9446,
38.3686

■ 49.2164, 40.2403,
27.5818

■ 44.8439, 33.8326,
18.9189

■ 41.3577, 28.6500,
12.2392

■ 38.6962, 24.6138,
7.3849

■ 36.7896, 21.6360,
4.1741

■ 35.5564, 19.6159,
2.3869

Harmonies

Analogous

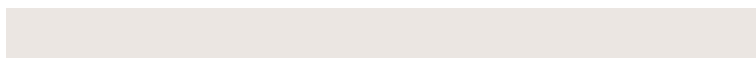
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7951, 79.4729, 86.4716



76.6150, 79.4729, 84.7006



76.1456, 79.4729, 83.4355

Triad

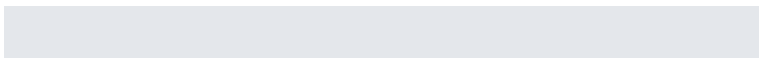
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6150, 79.4729, 84.7006



74.4473, 79.4729, 84.8046



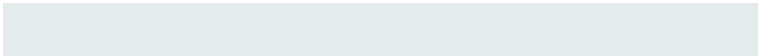
75.5579, 79.4729, 90.1667

Complementary

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



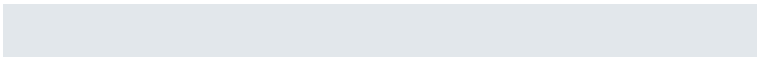
76.6150, 79.4729, 84.7006



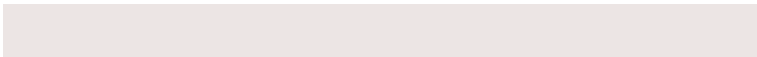
76.8436, 81.9658, 91.1289

Split Complementary

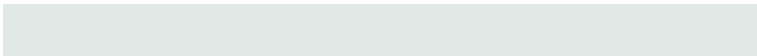
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9308, 79.4729, 89.7052



76.6150, 79.4729, 84.7006



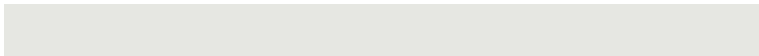
74.2919, 79.4729, 86.5933

Square

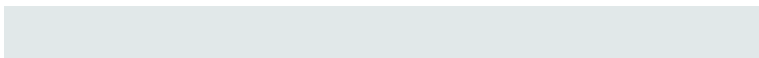
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



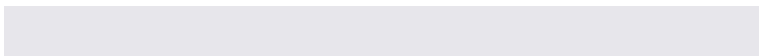
76.6150, 79.4729, 84.7006



74.8942, 79.4729, 83.4949



74.4684, 79.4729, 88.3906



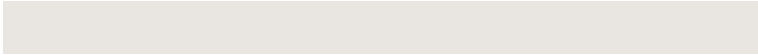
76.1826, 79.4729, 89.6429

Rectangle

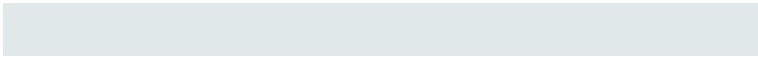
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



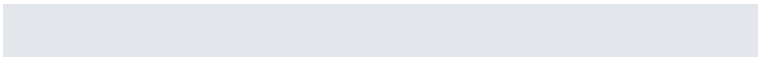
76.6150, 79.4729, 84.7006



75.7332, 79.4729, 83.0399



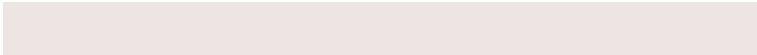
74.4684, 79.4729, 88.3906



75.3404, 79.4729, 90.1216

Sweetspot

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



76.6172, 79.4763, 84.7023



93.9348, 98.4223, 106.5163



77.3417, 79.3230, 89.8834



20.1177, 21.0831, 22.8240



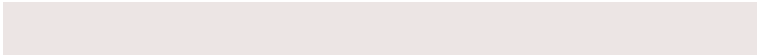
0.0000, 0.0000, 0.0000



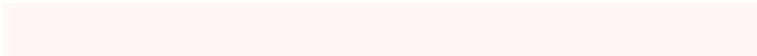
20.3446, 21.4041, 23.3091

Same Dimension

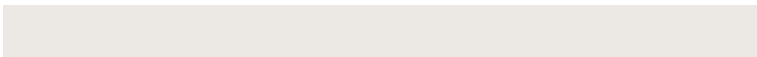
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6172, 79.4763, 84.7023



90.6710, 93.8005, 99.5526



77.7169, 81.6756, 85.0689



16.0828, 16.5861, 17.5186



19.3686, 10.4315, 0.9926



1.5702, 0.9177, 0.0944

Inverse Universe

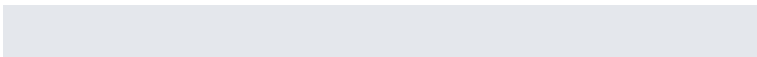
The Inverse Universe completely reimagines the original color for something new.



76.8436, 81.9658, 91.1289



90.9895, 97.3026, 108.5934



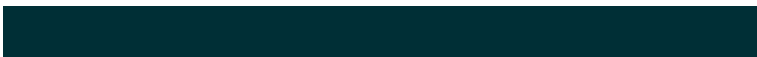
75.7310, 79.7405, 90.7580



16.1496, 17.3204, 19.4143



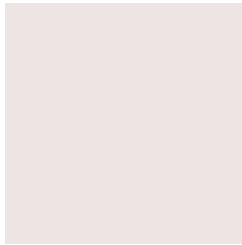
20.6290, 27.9050, 48.0419



1.6651, 2.2816, 3.7875

Previews

White Background



This preview shows how the XYZ color 76.6150, 79.4729, 84.7006 looks on a white background.

Color Contrast Check

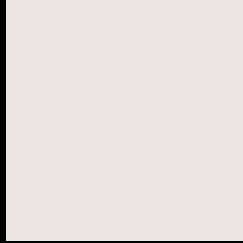
Large Text (above 18pt) WCAG AA × Fail

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 76.6150, 79.4729, 84.7006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

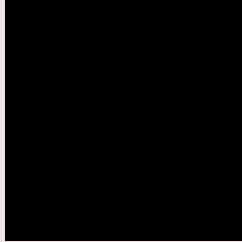
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

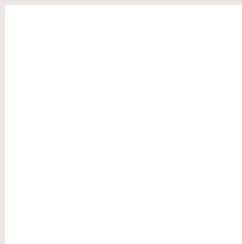
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6150, 79.4729, 84.7006

Background



This preview shows how black text looks on a background with the XYZ color 76.6150, 79.4729, 84.7006.

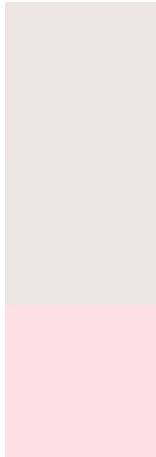


This preview shows how white text looks on a background with the XYZ color 76.6150, 79.4729,

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

76.6150, 79.4729, 84.7006

Protanopia

76.2839, 79.3022, 84.6851

Deuteranopia

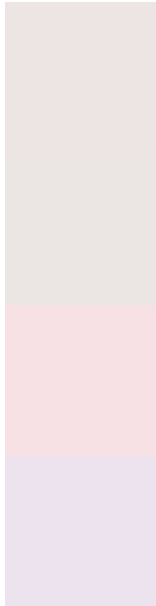
81.0385, 79.3151, 85.1669



Tritanopia

78.7854, 79.1015, 96.7036

Trichromacy



Original Color

76.6150, 79.4729, 84.7006

Protanomaly

76.2839, 79.3022, 84.6851

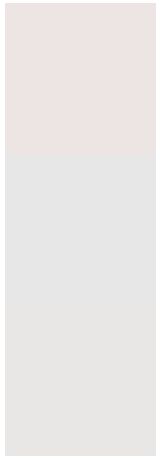
Deuteranomaly

79.4258, 79.2817, 85.2455

Tritanomaly

77.8268, 79.1157, 92.0579

Monochromacy



Original Color

76.6150, 79.4729, 84.7006

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1840, 79.6304, 86.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6150, 79.4729, 84.7006 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(236, 229, 228) looks like.

```
.text, #text, p{  
    color:rgb(236, 229, 228)  
}
```

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(236, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 229, 228) }
```

Border

The CSS property to change the border of an element to XYZ 76.6150, 79.4729, 84.7006 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(236, 229, 228) }
```


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

```
.border{ border-color:rgb(236, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 229,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6150, 79.4729, 84.7006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 229, 228) }
```

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

```
.background{ background-color: rgb(236,  
229, 228) }
```

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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