

Converting Colors

XYZ(76.1929, 82.3896, 76.1770)

Have a look what the booklet for
XYZ(76.1929, 82.3896, 76.1770)
contains.

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Color

**XYZ(76.1929, 82.3896,
76.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	EAECD7
RGB	234, 236, 215
RGB Percent	92%, 93%, 84%
CMY	0.0823, 0.0745, 0.1569
CMYK	0.01, 0.00, 0.09, 0.07
HSL	66°, 36%, 88%
HSV	66°, 9%, 93%
XYZ	76.1929, 82.3896, 76.1770
YIQ	233.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

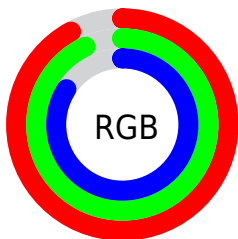
Format	Color
RYB	215, 236, 217
Decimal	15396055
CIELab	92.75, -4.26, 9.95
CIELCh	93, 10.819, 113.190
Yxy	82.3896, 0.3246, 0.3510
Android (android.graphics.Color)	4293586135 (0xFFEAECD7)
YUV	233.0080, -8.8779, 0.8700
Hunter-Lab	90.7687, -9.0091, 13.7794

Details

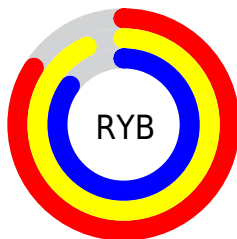
The XYZ color **76.1929, 82.3896, 76.1770** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.0592, 69.4109, 89.1717**, and the grayscale version is **77.5219, 81.5590, 88.8178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0265, 44.6456, 39.7128** is the 20% darker color. If you saturate the color by 10%, you get **72.6426, 80.8873, 61.3062**, and if you desaturate by 10%, it is **80.1947, 84.0790, 93.3559**.

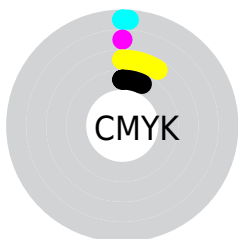
Distribution



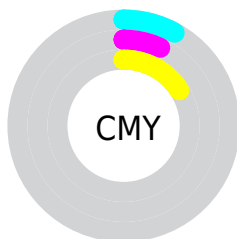
- Red (92%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1929, 82.3896, 76.1770 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 76.1929, 82.3896, 76.1770 by changing the saturation by 10% instead.

76.1929, 82.3896,
76.1770

76.1929, 82.3896,
76.1770

470.9420,
502.9500, 501.3163

56.8883, 61.6867,
56.0701

126.9784,
136.7202, 129.7395

41.1554, 44.7796,
39.8548

159.1901,
171.1168, 164.0321

28.6287, 31.2839,
27.1124

196.4349,
210.8466, 203.8905

18.9430, 20.8151,
17.4245

239.0780,
256.2942, 249.7330

11.7329, 12.9889,
10.3724

287.4850,
307.8440, 301.9784

6.6329, 7.4209,
5.5378

342.0210,

3.2779, 3.7267,

365.8803, 361.0450

2.5019

403.0516,
430.7874, 427.3515

■ 1.3024, 1.5219,
0.8412

■ 0.1850, 0.3041,
0.0000

■ 76.1929, 82.3896,
76.1770

■ 76.1929, 82.3896,
76.1770

■ 72.6426, 80.8873,
61.3062

■ 80.1947, 84.0790,
93.3559

■ 69.5183, 79.5538,
48.6399

■ 83.4770, 85.4790,
106.7071

■ 66.8022, 78.3846,
38.0747

■ 84.2401, 85.8724,
106.7428

■ 64.4727, 77.3712,
29.4967

■ 85.0127, 86.2707,
106.7790

62.5061, 76.5039,
22.7813

85.7949, 86.6739,
106.8156

60.8760, 75.7724,
17.7898

86.5866, 87.0820,
106.8526

59.5524, 75.1645,
14.3643

87.3879, 87.4951,
106.8901

58.4998, 74.6660,
12.3176

88.1989, 87.9132,
106.9281

57.6645, 74.2556,
11.3681

89.0195, 88.3362,
106.9665

Harmonies

Analogous

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



78.9536, 82.3896, 75.1547



76.1929, 82.3896, 76.1770



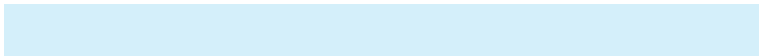
74.0471, 82.3896, 80.7214

Triad

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



76.1929, 82.3896, 76.1770



75.1046, 82.3896, 102.7251



83.8175, 82.3896, 91.5624

Complementary

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



76.1929, 82.3896, 76.1770



68.0592, 69.4109, 89.1717

Split Complementary

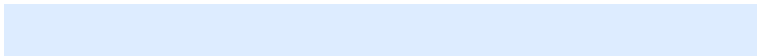
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7310, 82.3896, 99.3386



76.1929, 82.3896, 76.1770



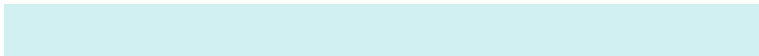
77.6676, 82.3896, 106.0289

Square

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



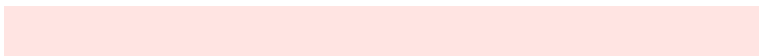
76.1929, 82.3896, 76.1770



73.4294, 82.3896, 95.9636



80.4636, 82.3896, 104.7539



83.3998, 82.3896, 83.7309

Rectangle

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



76.1929, 82.3896, 76.1770



73.2319, 82.3896, 85.2916



80.4636, 82.3896, 104.7539



83.6152, 82.3896, 94.2749

Sweetspot

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



76.1952, 82.3932, 76.1788



93.5745, 99.3788, 102.5293



71.6089, 72.2383, 74.4604



19.9462, 21.2363, 21.5903



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.



76.1952, 82.3932, 76.1788



89.8803, 97.8191, 86.7807



72.9272, 80.7085, 76.0258



16.2020, 17.5497, 16.0522



31.7969, 40.9364, 6.2256



2.5381, 3.2358, 0.4908

Inverse Universe

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



68.0592, 69.4109, 89.1717



78.0189, 78.8921, 105.7234



71.2008, 71.0305, 89.3188



14.3645, 14.6177, 18.9867



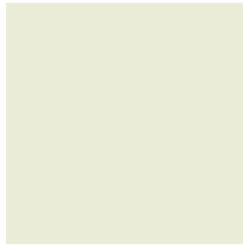
8.5818, 3.4600, 43.9585



0.7193, 0.2951, 3.4539

Previews

White Background



This preview shows how the XYZ color 76.1929, 82.3896, 76.1770 looks on a white background.

Color Contrast Check

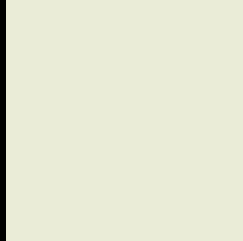
Large Text (above 18pt) WCAG AA × Fail

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 76.1929, 82.3896, 76.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

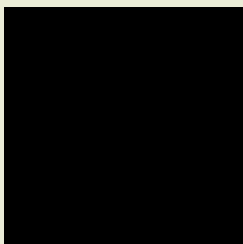
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

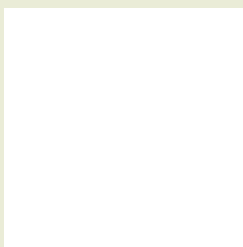
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1929, 82.3896, 76.1770

Background



This preview shows how black text looks on a background with the XYZ color 76.1929, 82.3896, 76.1770.

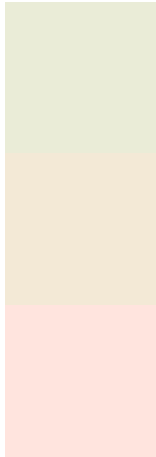


This preview shows how white text looks on a background with the XYZ color 76.1929, 82.3896,

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

76.1929, 82.3896, 76.1770

Protanopia

78.2387, 82.1876, 75.3585

Deuteranopia

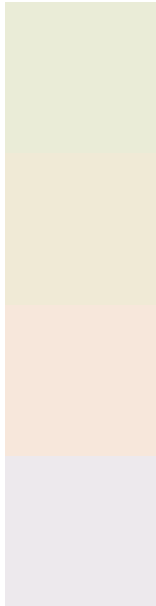
82.1682, 82.0207, 80.6081



Tritanopia

81.2714, 82.3421, 101.2327

Trichromacy



Original Color

76.1929, 82.3896, 76.1770

Protanomaly

77.4956, 82.2259, 75.4051

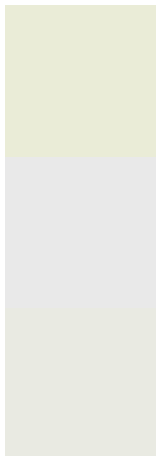
Deuteranomaly

79.7199, 82.0405, 78.6515

Tritanomaly

79.3500, 82.3968, 91.8427

Monochromacy



Original Color

76.1929, 82.3896, 76.1770

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.7546, 81.6603, 83.6681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1929, 82.3896, 76.1770 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(234, 236, 215) looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 215)  
}
```

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(234, 236, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.1929, 82.3896, 76.1770 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(234, 236, 215) }
```


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

```
.border{ border-color:rgb(234, 236, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 236, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 236, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 236, 215); box-shadow:4px 4px 4px 4px rgb(234, 236, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1929, 82.3896, 76.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 236, 215) }
```

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

```
.background{ background-color: rgb(234,  
236, 215) }
```

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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