

Converting Colors

XYZ(76.8159, 82.6144, 81.6692)

Have a look what the booklet for
XYZ(76.8159, 82.6144, 81.6692)
contains.

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Color

**XYZ(76.9190, 82.6423,
81.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	E9ECDF
RGB	233, 236, 223
RGB Percent	91%, 93%, 87%
CMY	0.0863, 0.0745, 0.1255
CMYK	0.01, 0.00, 0.06, 0.07
HSL	74°, 26%, 90%
HSV	74°, 6%, 93%
XYZ	76.9190, 82.6423, 81.7095
YIQ	233.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

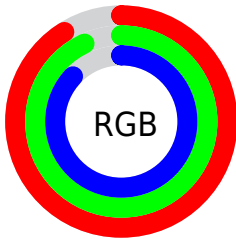
Format	Color
R _Y B	223, 236, 226
Decimal	15330527
CIE Lab	92.86, -3.27, 5.94
CIE LCh	93, 6.778, 118.827
Yxy	82.6423, 0.3188, 0.3425
Android (android.graphics.Color)	4293520607 (0xFFE9ECDF)
YUV	233.6210, -5.2362, -0.5446
Hunter-Lab	90.9078, -8.0561, 10.3446

Details

The XYZ color **76.9190, 82.6423, 81.7095** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **72.8953, 75.0025, 89.9962**, and the grayscale version is **77.9593, 82.0192, 89.3189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5206, 44.8168, 43.5079** is the 20% darker color. If you saturate the color by 10%, you get **72.2044, 80.5566, 66.0207**, and if you desaturate by 10%, it is **82.1368, 84.9409, 99.7404**.

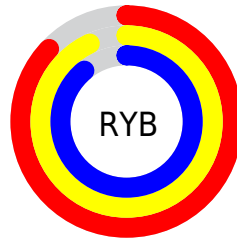
Distribution



Red (91%)

Green (93%)

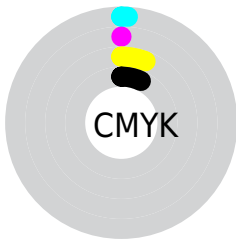
Blue (87%)



Red (87%)

Yellow (93%)

Blue (89%)

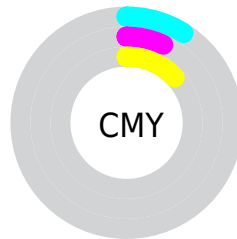


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9190, 82.6423, 81.7095 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 76.9190, 82.6423, 81.7095 by changing the saturation by 10% instead.

76.9190, 82.6423,
81.7095

76.9190, 82.6423,
81.7095

473.3840,
503.7936, 520.5334

57.4861, 61.8951,
60.5917

127.9986,
137.0744, 137.5996

41.6373, 44.9479,
43.4673

160.3760,
171.5280, 173.2089

29.0073, 31.4164,
29.9178

197.7989,
211.3193, 214.4859

19.2306, 20.9162,
19.5247

240.6327,
256.8326, 261.8489

11.9420, 13.0627,
11.8694

289.2428,
308.4522, 315.7167

6.7761, 7.4718,
6.5333

343.9944,

3.3676, 3.7588,

366.5627, 376.5076

3.0980

405.2531,
431.5484, 444.6404

■ 1.3510, 1.5396,
1.1449

■ 0.2209, 0.3164,
0.0000

■ 76.9190, 82.6423,
81.7095

■ 76.9190, 82.6423,
81.7095

■ 72.2044, 80.5566,
66.0207

■ 82.1368, 84.9409,
99.7404

■ 67.9673, 78.6656,
52.5726

■ 85.3231, 86.4307,
106.7935

■ 64.1901, 76.9648,
41.2642

■ 87.2424, 87.4202,
106.8833

■ 60.8513, 75.4455,
31.9848

■ 89.2182, 88.4387,
106.9758

■ 57.9275, 74.0983,
24.6136

■ 89.2871, 88.4742,
106.9790

■ 55.3926, 72.9128,
19.0172

■ 53.2178, 71.8773,
15.0449

■ 51.3689, 70.9781,
12.5210

■ 49.8045, 70.1986,
11.2292

Harmonies

Analogous

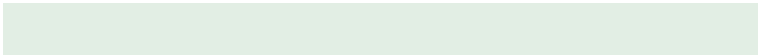
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6187, 82.6423, 80.5837



76.9190, 82.6423, 81.7095



75.6722, 82.6423, 85.0306

Triad

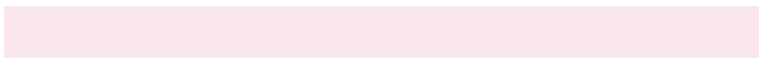
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9190, 82.6423, 81.7095



76.8001, 82.6423, 98.5856



82.0020, 82.6423, 90.1831

Complementary

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



76.9190, 82.6423, 81.7095



72.8953, 75.0025, 89.9962

Split Complementary

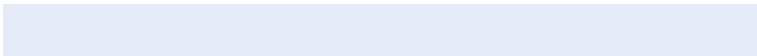
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4979, 82.6423, 95.1249



76.9190, 82.6423, 81.7095



78.4794, 82.6423, 100.0871

Square

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



76.9190, 82.6423, 81.7095



75.6042, 82.6423, 94.7667



80.2019, 82.6423, 98.7978



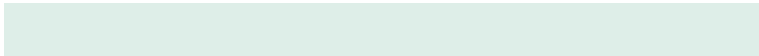
81.5693, 82.6423, 85.3639

Rectangle

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



76.9190, 82.6423, 81.7095



75.2564, 82.6423, 88.1075



80.2019, 82.6423, 98.7978



81.9363, 82.6423, 91.8858

Sweetspot

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



76.9213, 82.6459, 81.7113



93.8074, 99.4531, 104.6125



75.0607, 77.4561, 80.8076



20.0917, 21.2928, 22.4363



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

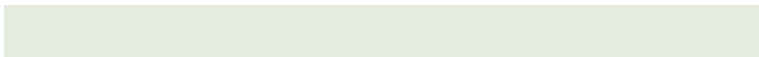
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9213, 82.6459, 81.7113



90.8069, 98.1294, 94.3905



74.8963, 81.6019, 81.6165



16.1862, 17.5273, 16.6939



27.2181, 38.5759, 6.0114



2.2199, 3.0717, 0.4759

Inverse Universe

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



72.8953, 75.0025, 89.9962



84.7469, 86.6243, 106.8613



74.9124, 76.0423, 90.0906



15.0231, 15.3192, 19.0874



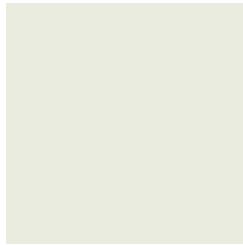
9.2936, 3.8269, 43.9918



0.8122, 0.3430, 3.4583

Previews

White Background



This preview shows how the XYZ color 76.9190, 82.6423, 81.7095 looks on a white background.

Color Contrast Check

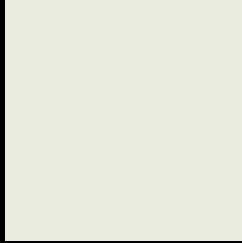
Large Text (above 18pt) WCAG AA × Fail

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 76.9190, 82.6423, 81.7095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

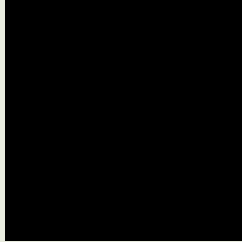
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

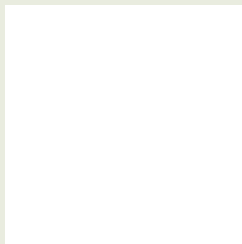
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9190, 82.6423, 81.7095

Background



This preview shows how black text looks on a background with the XYZ color 76.9190, 82.6423, 81.7095.



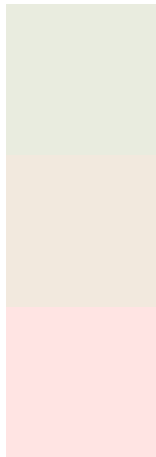
This preview shows how white text looks on a background with the XYZ color 76.9190, 82.6423, 81.7095.

81.7095.

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

76.9190, 82.6423, 81.7095

Protanopia

78.9417, 82.4290, 80.8570

Deuteranopia

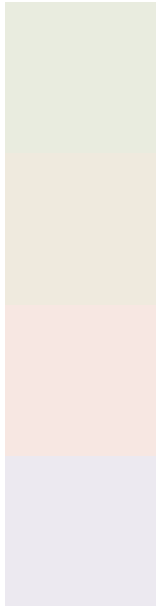
82.8485, 82.2929, 84.1906



Tritanopia

81.0370, 82.6199, 102.1186

Trichromacy



Original Color

76.9190, 82.6423, 81.7095

Protanomaly

78.2042, 82.4703, 80.9038

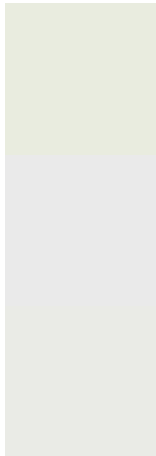
Deuteranomaly

80.6612, 82.4170, 83.6083

Tritanomaly

79.4592, 82.4020, 94.1553

Monochromacy



Original Color

76.9190, 82.6423, 81.7095

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.9229, 82.6223, 86.7036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9190, 82.6423, 81.7095 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(233, 236, 223) looks like.

```
.text, #text, p{  
    color:rgb(233, 236, 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(233, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 236, 223) }
```

Border

The CSS property to change the border of an element to XYZ 76.9190, 82.6423, 81.7095 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(233, 236, 223) }
```


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

```
.border{ border-color:rgb(233, 236, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 236, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 236, 223);  
box-shadow:4px 4px 4px 4px rgb(233, 236,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9190, 82.6423, 81.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 236, 223) }
```

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

```
.background{ background-color: rgb(233,  
236, 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](#).

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