

Converting Colors

XYZ(76.3520, 82.3917, 77.4431)

Have a look what the booklet for
XYZ(76.3520, 82.3917, 77.4431)
contains.

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Color

**XYZ(76.4515, 82.4931,
77.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	EAECD9
RGB	234, 236, 217
RGB Percent	92%, 93%, 85%
CMY	0.0823, 0.0745, 0.1490
CMYK	0.01, 0.00, 0.08, 0.07
HSL	66°, 33%, 89%
HSV	66°, 8%, 93%
XYZ	76.4515, 82.4931, 77.5390
YIQ	233.2360, 4.9070, -6.3330

Conversions

Conversions Part 2

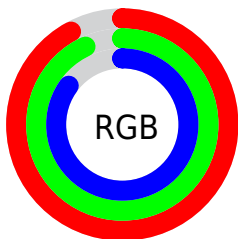
Format	Color
R_{YB}	217, 236, 219
Decimal	15396057
CIE Lab	92.79, -3.93, 8.97
CIE LCh	93, 9.795, 113.665
Yxy	82.4931, 0.3233, 0.3488
Android (android.graphics.Color)	4293586137 (0xFFEAECD9)
YUV	233.2360, -8.0043, 0.6700
Hunter-Lab	90.8257, -8.6947, 12.9614

Details

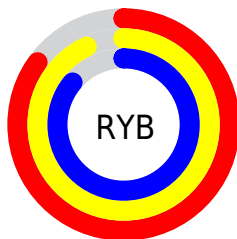
The XYZ color **76.4515, 82.4931, 77.5390** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.1699, 70.7442, 89.3706**, and the grayscale version is **77.6876, 81.7334, 89.0077**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2029, 44.7161, 40.6419** is the 20% darker color. If you saturate the color by 10%, you get **72.7879, 80.9366, 62.4731**, and if you desaturate by 10%, it is **80.5702, 84.2384, 94.9212**.

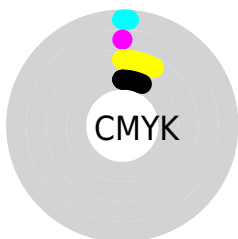
Distribution



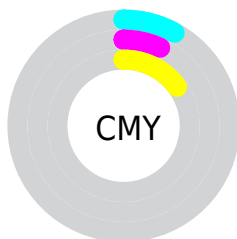
- Red (92%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4515, 82.4931, 77.5390 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 76.4515, 82.4931, 77.5390 by changing the saturation by 10% instead.

76.4515, 82.4931,
77.5390

76.4515, 82.4931,
77.5390

471.8125,
503.2956, 506.0862

57.1012, 61.7721,
57.1812

127.3419,
136.8653, 131.6800

41.3269, 44.8486,
40.7404

159.6126,
171.2852, 166.3003

28.7634, 31.3382,
27.7981

196.9209,
211.0403, 206.5117

19.0453, 20.8565,
17.9358

239.6321,
256.5148, 252.7329

11.8072, 13.0191,
10.7349

288.1115,
308.0932, 305.3824

6.6838, 7.4417,
5.7770

342.7244,

3.3097, 3.7399,

366.1598, 364.8788

2.6434

403.8363,
431.0992, 431.6405

■ 1.3196, 1.5291,
0.9147

■ 0.1978, 0.3091,
0.0000

■ 76.4515, 82.4931,
77.5390

■ 76.4515, 82.4931,
77.5390

■ 72.7879, 80.9366,
62.4731

■ 80.5702, 84.2384,
94.9212

■ 69.5540, 79.5506,
49.6203

■ 83.6371, 85.5615,
106.7146

■ 66.7321, 78.3307,
38.8780

■ 84.4834, 85.9978,
106.7542

■ 64.3008, 77.2684,
30.1330

■ 85.3414, 86.4401,
106.7944

62.2366, 76.3541,
23.2617

86.2110, 86.8884,
106.8351

60.5132, 75.5776,
18.1269

87.0923, 87.3428,
106.8763

59.1010, 74.9268,
14.5723

87.9854, 87.8032,
106.9181

57.9651, 74.3878,
12.4142

88.8903, 88.2697,
106.9605

57.0568, 73.9411,
11.3968

89.2871, 88.4742,
106.9790

Harmonies

Analogous

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



78.9507, 82.4931, 76.5483



76.4515, 82.4931, 77.5390



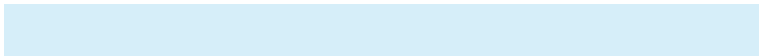
74.5153, 82.4931, 81.7386

Triad

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



76.4515, 82.4931, 77.5390



75.5318, 82.4931, 101.6404



83.3928, 82.4931, 91.3827

Complementary

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



76.4515, 82.4931, 77.5390



69.1699, 70.7442, 89.3706

Split Complementary

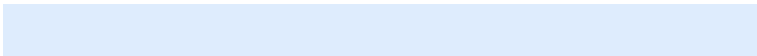
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4323, 82.4931, 98.4193



76.4515, 82.4931, 77.5390



77.8663, 82.4931, 104.5454

Square

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



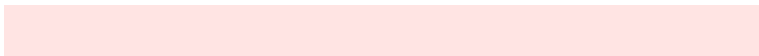
76.4515, 82.4931, 77.5390



73.9924, 82.4931, 95.5884



80.3960, 82.4931, 103.3359



82.9942, 82.4931, 84.2903

Rectangle

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



76.4515, 82.4931, 77.5390



73.7859, 82.4931, 85.9210



80.3960, 82.4931, 103.3359



83.2175, 82.4931, 93.8372

Sweetspot

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



76.4538, 82.4967, 77.5408



94.0420, 99.5740, 104.6234



72.4246, 73.4557, 76.0081



20.1394, 21.3174, 22.4385



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.



76.4538, 82.4967, 77.5408



90.2300, 97.9585, 88.6475



73.4496, 80.9480, 77.4002



16.1863, 17.5416, 16.0515



31.4243, 40.7443, 6.2082



2.5126, 3.2226, 0.4896

Inverse Universe

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



69.1699, 70.7442, 89.3706



79.5483, 80.7234, 105.9963



72.0778, 72.2433, 89.5067



14.3787, 14.6250, 18.9873



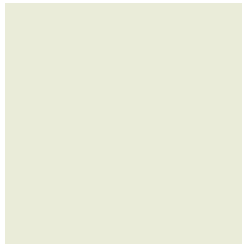
8.6161, 3.4777, 43.9601



0.7260, 0.2986, 3.4542

Previews

White Background



This preview shows how the XYZ color 76.4515, 82.4931, 77.5390 looks on a white background.

Color Contrast Check

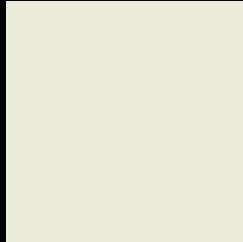
Large Text (above 18pt) WCAG AA × Fail

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 76.4515, 82.4931, 77.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

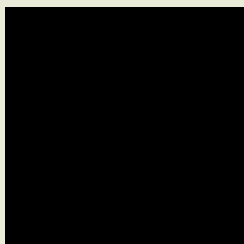
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

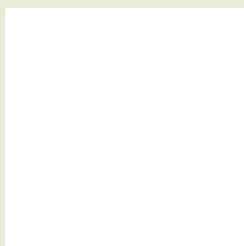
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4515, 82.4931, 77.5390

Background



This preview shows how black text looks on a background with the XYZ color 76.4515, 82.4931, 77.5390.

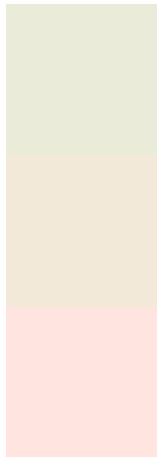


This preview shows how white text looks on a background with the XYZ color 76.4515, 82.4931,

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

76.4515, 82.4931, 77.5390

Protanopia

78.4957, 82.2904, 76.7122

Deuteranopia

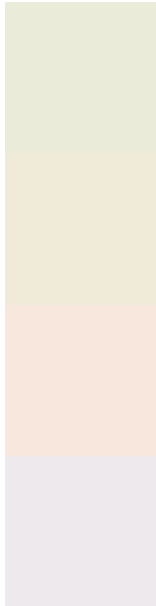
82.3027, 82.0745, 81.3162



Tritanopia

81.2714, 82.3421, 101.2327

Trichromacy



Original Color

76.4515, 82.4931, 77.5390

Protanomaly

77.7527, 82.3288, 76.7588

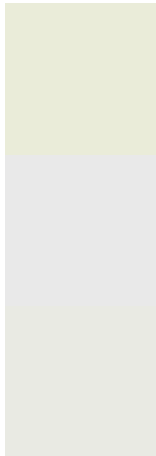
Deuteranomaly

79.9848, 82.1464, 80.0468

Tritanomaly

79.3500, 82.3968, 91.8427

Monochromacy



Original Color

76.4515, 82.4931, 77.5390

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8922, 81.7153, 84.3930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4515, 82.4931, 77.5390 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 217) }
```

Border

The CSS property to change the border of an element to XYZ 76.4515, 82.4931, 77.5390 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, 217) }
```


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

```
.border{ border-color:rgb(234, 236, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 236, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 236, 217);  
box-shadow:4px 4px 4px 4px rgb(234, 236,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4515, 82.4931, 77.5390 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, 217) }
```

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

```
.background{ background-color: rgb(234,  
236, 217) }
```

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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