

Converting Colors

XYZ(75.9567, 82.2716, 75.5540)

Have a look what the booklet for
XYZ(75.9567, 82.2716, 75.5540)
contains.

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Color

**XYZ(76.0647, 82.3384,
75.5022)**

Conversions

Conversions Part 1

Format	Color
Hex	EAECD6
RGB	234, 236, 214
RGB Percent	92%, 93%, 84%
CMY	0.0823, 0.0745, 0.1608
CMYK	0.01, 0.00, 0.09, 0.07
HSL	65°, 37%, 88%
HSV	65°, 9%, 93%
XYZ	76.0647, 82.3384, 75.5022
YIQ	232.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

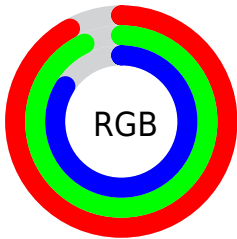
Format	Color
RYB	214, 236, 216
Decimal	15396054
CIELab	92.72, -4.42, 10.43
CIELCh	93, 11.331, 112.980
Yxy	82.3384, 0.3252, 0.3520
Android (android.graphics.Color)	4293586134 (0xFFEAECD6)
YUV	232.8940, -9.3147, 0.9700
Hunter-Lab	90.7405, -9.1654, 14.1851

Details

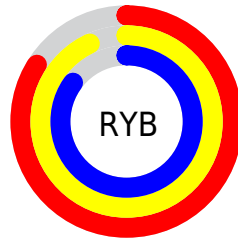
The XYZ color **76.0647, 82.3384, 75.5022** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.5091, 68.7505, 89.0734**, and the grayscale version is **77.4391, 81.4719, 88.7229**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9394, 44.6107, 39.2539** is the 20% darker color. If you saturate the color by 10%, you get **72.5655, 80.8603, 60.7284**, and if you desaturate by 10%, it is **80.0137, 84.0028, 92.5800**.

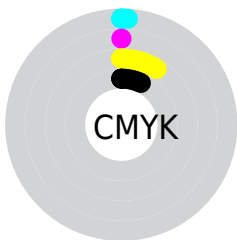
Distribution



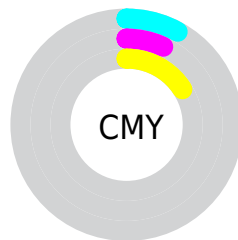
- Red (92%)
- Green (93%)
- Blue (84%)



- 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 76.0647, 82.3384, 75.5022 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 76.0647, 82.3384, 75.5022 by changing the saturation by 10% instead.

76.0647, 82.3384,
75.5022

76.0647, 82.3384,
75.5022

470.5101,
502.7789, 498.9433

56.7828, 61.6445,
55.5202

126.7982,
136.6485, 128.7766

41.0703, 44.7455,
39.4170

158.9806,
171.0334, 162.9061

28.5620, 31.2570,
26.7739

196.1938,
210.7508, 202.5886

18.8923, 20.7946,
17.1726

238.8032,
256.1851, 248.2424

11.6960, 12.9740,
10.1943

287.1742,
307.7207, 300.2863

6.6078, 7.4106,
5.4207

341.6721,

3.2622, 3.7202,

365.7419, 359.1387

2.4331

402.6623,
430.6332, 425.2182

■ 1.2939, 1.5183,
0.8044

■ 0.1786, 0.3016,
0.0000

■ 76.0647, 82.3384,
75.5022

■ 76.0647, 82.3384,
75.5022

■ 72.5655, 80.8603,
60.7284

■ 80.0137, 84.0028,
92.5800

■ 69.4907, 79.5503,
48.1549

■ 83.4085, 85.4437,
106.7039

■ 66.8224, 78.4039,
37.6777

■ 84.1361, 85.8188,
106.7380

■ 64.5389, 77.4124,
29.1826

■ 84.8723, 86.1984,
106.7724

62.6165, 76.5663,
22.5446

85.6173, 86.5824,
106.8073

61.0286, 75.8549,
17.6242

86.3709, 86.9709,
106.8426

59.7449, 75.2663,
14.2624

87.1333, 87.3640,
106.8783

58.7298, 74.7860,
12.2706

87.9045, 87.7615,
106.9143

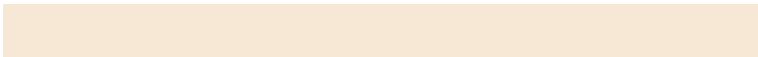
57.9266, 74.3914,
11.3518

88.6845, 88.1636,
106.9508

Harmonies

Analogous

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



78.9560, 82.3384, 74.4650



76.0647, 82.3384, 75.5022



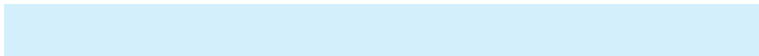
73.8145, 82.3384, 80.2156

Triad

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



76.0647, 82.3384, 75.5022



74.8917, 82.3384, 103.2701



84.0308, 82.3384, 91.6541

Complementary

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



76.0647, 82.3384, 75.5022



67.5091, 68.7505, 89.0734

Split Complementary

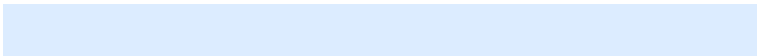
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8808, 82.3384, 99.8019



76.0647, 82.3384, 75.5022



77.5685, 82.3384, 106.7762

Square

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



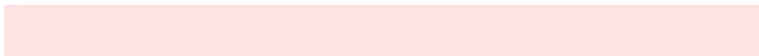
76.0647, 82.3384, 75.5022



73.1493, 82.3384, 96.1509



80.4975, 82.3384, 105.4688



83.6037, 82.3384, 83.4537

Rectangle

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



76.0647, 82.3384, 75.5022



72.9565, 82.3384, 84.9775



80.4975, 82.3384, 105.4688



83.8149, 82.3384, 94.4960

Sweetspot

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



76.0669, 82.3420, 75.5040



93.5866, 99.3851, 102.5298



71.2456, 71.7165, 73.7072



19.9495, 21.2380, 21.5905



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.



76.0669, 82.3420, 75.5040



89.9241, 97.8418, 86.7827



72.6189, 80.5644, 75.3426



16.2087, 17.5532, 16.0525



31.9583, 41.0196, 6.2332



2.5491, 3.2414, 0.4913

Inverse Universe

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



67.5091, 68.7505, 89.0734



77.9802, 78.8722, 105.7216



70.8155, 70.4550, 89.2281



14.3585, 14.6145, 18.9864



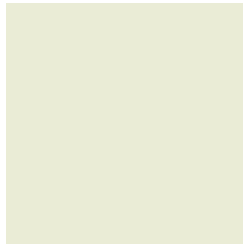
8.5679, 3.4528, 43.9579



0.7164, 0.2936, 3.4538

Previews

White Background



This preview shows how the XYZ color 76.0647, 82.3384, 75.5022 looks on a white background.

Color Contrast Check

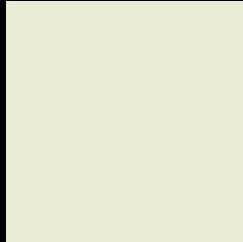
Large Text (above 18pt) WCAG AA × Fail

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 76.0647, 82.3384, 75.5022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

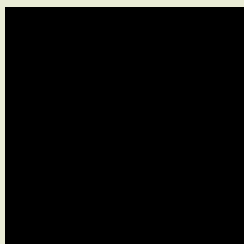
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

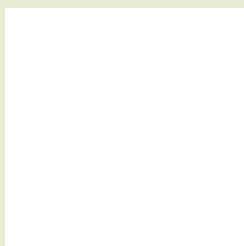
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0647, 82.3384, 75.5022

Background



This preview shows how black text looks on a background with the XYZ color 76.0647, 82.3384, 75.5022.

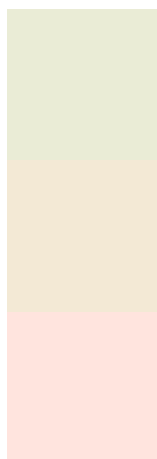


This preview shows how white text looks on a background with the XYZ color 76.0647, 82.3384,

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

76.0647, 82.3384, 75.5022

Protanopia

78.1113, 82.1366, 74.6878

Deuteranopia

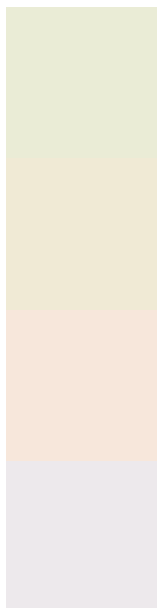
82.1682, 82.0207, 80.6081



Tritanopia

81.2714, 82.3421, 101.2327

Trichromacy



Original Color

76.0647, 82.3384, 75.5022

Protanomaly

77.3682, 82.1750, 74.7344

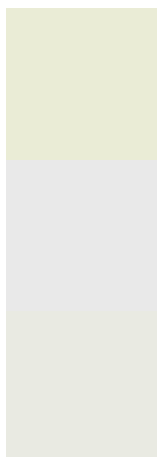
Deuteranomaly

79.7199, 82.0405, 78.6515

Tritanomaly

79.2043, 82.3385, 91.0753

Monochromacy



Original Color

76.0647, 82.3384, 75.5022

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 76.0647, 82.3384, 75.5022 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, 214) looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 214) }
```

Border

The CSS property to change the border of an element to XYZ 76.0647, 82.3384, 75.5022 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, 214) }
```


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

```
.border{ border-color:rgb(234, 236, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 236, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 236, 214); box-shadow:4px 4px 4px 4px rgb(234, 236, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0647, 82.3384, 75.5022 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, 214) }
```

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

```
.background{ background-color: rgb(234,  
236, 214) }
```

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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