

Converting Colors

XYZ(76.6817, 82.1737, 63.5929)

Have a look what the booklet for
XYZ(76.6817, 82.1737, 63.5929)
contains.

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Color

**XYZ(76.5814, 82.0189,
63.4247)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EAC3
RGB	244, 234, 195
RGB Percent	96%, 92%, 76%
CMY	0.0431, 0.0823, 0.2353
CMYK	0.00, 0.04, 0.20, 0.04
HSL	48°, 69%, 86%
HSV	48°, 20%, 96%
XYZ	76.5814, 82.0189, 63.4247
YIQ	232.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

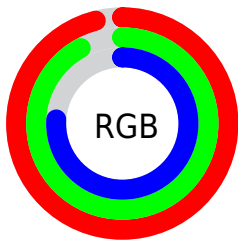
Format	Color
R _Y B	208, 244, 195
Decimal	16050883
CIE Lab	92.58, -2.77, 20.18
CIE LCh	93, 20.371, 97.810
Yxy	82.0189, 0.3449, 0.3694
Android (android.graphics.Color)	4294240963 (0xFFF4EAC3)
YUV	232.5440, -18.5092, 10.0469
Hunter-Lab	90.5643, -7.5474, 21.8726

Details

The XYZ color **76.5814, 82.0189, 63.4247** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.6659, 61.7950, 94.3187**, and the grayscale version is **77.2362, 81.2584, 88.4904**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **41.2216, 44.3287, 31.5830** is the 20% darker color. If you saturate the color by 10%, you get **72.6486, 78.2131, 49.5970**, and if you desaturate by 10%, it is **81.0092, 86.0920, 79.6434**.

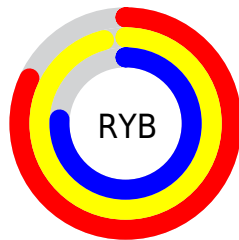
Distribution



Red (96%)

Green (92%)

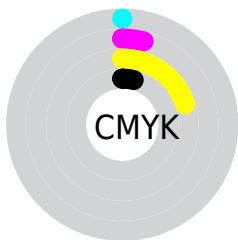
Blue (76%)



Red (82%)

Yellow (96%)

Blue (76%)

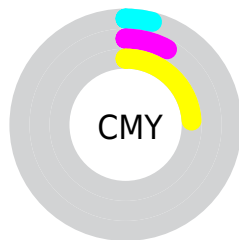


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (4%)



Cyan (4%)

Magenta (8%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5814, 82.0189, 63.4247 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 76.5814, 82.0189, 63.4247 by changing the saturation by 10% instead.

76.5814, 82.0189,
63.4247

76.5814, 82.0189,
63.4247

472.2495,
501.7109, 455.2595

57.2081, 61.3811,
45.7417

127.5244,
136.2005, 111.3735

41.4131, 44.5328,
31.6948

159.8248,
170.5131, 142.4763

28.8311, 31.0896,
20.8656

197.1650,
210.1528, 178.8895

19.0968, 20.6671,
12.8355

239.9102,
255.5039, 221.0315

11.8446, 12.8809,
7.1860

288.4260,
306.9509, 269.3210

6.7094, 7.3466,
3.4985


343.0775,


3.3257, 3.6798,


364.8781, 324.1765


1.3545


404.2302,
429.6700, 386.0165


 1.3283, 1.4961,
0.1058


 0.2042, 0.2860,
0.0000


 76.5814, 82.0189,
63.4247


 76.5814, 82.0189,
63.4247

 72.6486, 78.2131,
49.5970


 81.0092, 86.0920,
79.6434


 69.1821, 74.6542,
38.0399

 85.9462, 90.4302,
98.3554

 66.1602, 71.3357,
28.6301

 89.2147, 94.1657,
108.0814

 63.5563, 68.2466,
21.2308

 90.7730, 97.2824,
108.6009

■ 61.3413, 65.3747,
15.6891

■ 91.1185, 97.9732,
108.7160

■ 59.4816, 62.7059,
11.8303

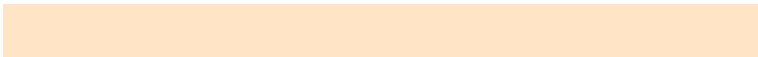
■ 57.9373, 60.2238,
9.4459

■ 56.6516, 57.9195,
8.1937

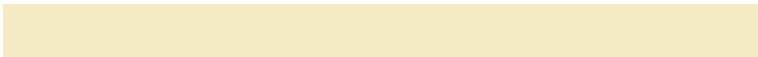
Harmonies

Analogous

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



81.8644, 82.0189, 64.9400



76.5814, 82.0189, 63.4247



71.8813, 82.0189, 68.1965

Triad

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



76.5814, 82.0189, 63.4247



70.1880, 82.0189, 108.3949



87.7666, 82.0189, 100.7732

Complementary

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



76.5814, 82.0189, 63.4247



60.6659, 61.7950, 94.3187

Split Complementary

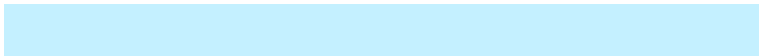
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3647, 82.0189, 114.3726



76.5814, 82.0189, 63.4247



74.1750, 82.0189, 119.1085

Square

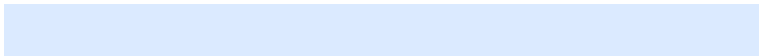
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5814, 82.0189, 63.4247



68.3005, 82.0189, 93.3251



79.3480, 82.0189, 121.4115



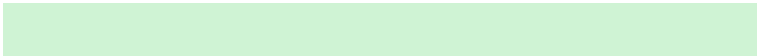
88.4822, 82.0189, 85.4013

Rectangle

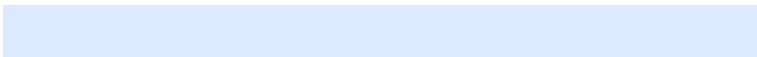
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5814, 82.0189, 63.4247



69.6555, 82.0189, 74.6575



79.3480, 82.0189, 121.4115



86.8921, 82.0189, 105.7522

Sweetspot

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



76.5836, 82.0226, 63.4264



91.6961, 97.0784, 96.1097



67.9182, 62.7020, 66.6727



19.5513, 20.7121, 20.2866



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.



76.5836, 82.0226, 63.4264



82.8613, 88.9584, 63.7247



74.8723, 85.4845, 64.1848



17.6108, 18.7058, 17.4800



30.9043, 31.6942, 4.4888



2.7870, 2.9272, 0.4181

Inverse Universe

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



60.6659, 61.7950, 94.3187



62.3864, 62.9420, 103.4687



62.1067, 59.1013, 93.7228



15.8549, 16.4741, 20.8867



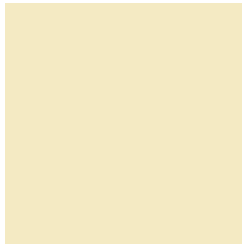
9.5710, 4.9359, 46.9863



0.9114, 0.5742, 4.1530

Previews

White Background



This preview shows how the XYZ color 76.5814, 82.0189, 63.4247 looks on a white background.

Color Contrast Check

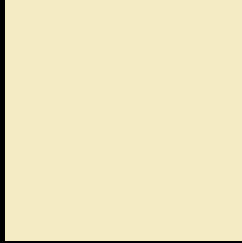
Large Text (above 18pt) WCAG AA × Fail

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 76.5814, 82.0189, 63.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

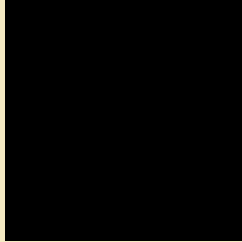
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5814, 82.0189, 63.4247

Background



This preview shows how black text looks on a background with the XYZ color 76.5814, 82.0189, 63.4247.

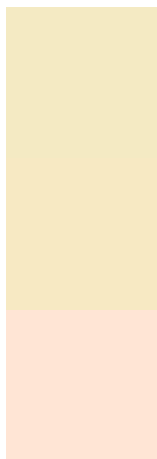


This preview shows how white text looks on a background with the XYZ color 76.5814, 82.0189,

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

76.5814, 82.0189, 63.4247

Protanopia

77.3470, 81.9921, 63.3792

Deuteranopia

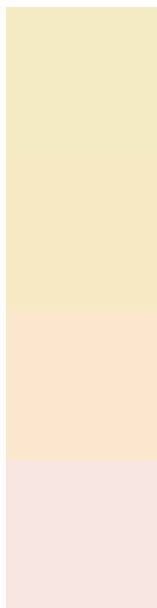
81.2696, 82.1027, 74.5148



Tritanopia

83.3749, 81.8547, 97.7914

Trichromacy



Original Color

76.5814, 82.0189, 63.4247

Protanomaly

76.9953, 81.8108, 63.3627

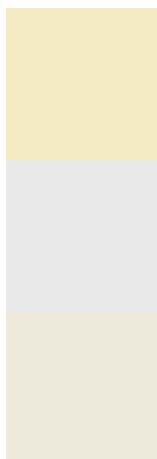
Deuteranomaly

79.5002, 82.1173, 70.0526

Tritanomaly

80.8733, 82.0961, 84.2567

Monochromacy



Original Color

76.5814, 82.0189, 63.4247

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8501, 81.3968, 78.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5814, 82.0189, 63.4247 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(244, 234, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 195)  
}
```

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(244, 234, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 195) }
```

Border

The CSS property to change the border of an element to XYZ 76.5814, 82.0189, 63.4247 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(244, 234, 195) }
```


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

```
.border{ border-color:rgb(244, 234, 195) }
```

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

Here you see how a box with a 4 pixel rgb(244, 234, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5814, 82.0189, 63.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 195) }
```

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

```
.background{ background-color: rgb(244,  
234, 195) }
```

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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