

Converting Colors

XYZ(76.3181, 83.2946, 63.2789)

Have a look what the booklet for
XYZ(76.3181, 83.2946, 63.2789)
contains.

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Color

**XYZ(76.2974, 83.1642,
63.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EDC2
RGB	241, 237, 194
RGB Percent	95%, 93%, 76%
CMY	0.0549, 0.0706, 0.2392
CMYK	0.00, 0.02, 0.20, 0.05
HSL	55°, 63%, 85%
HSV	55°, 20%, 95%
XYZ	76.2974, 83.1642, 63.0699
YIQ	233.2940, 16.1870, -12.5250

Conversions

Conversions Part 2

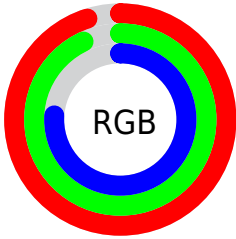
Format	Color
R _Y B	198, 241, 194
Decimal	15855042
CIE Lab	93.09, -5.51, 21.36
CIE LCh	93, 22.061, 104.470
Yxy	83.1642, 0.3429, 0.3737
Android (android.graphics.Color)	4294045122 (0xFFF1EDC2)
YUV	233.2940, -19.3719, 6.7582
Hunter-Lab	91.1944, -10.2490, 22.8312

Details

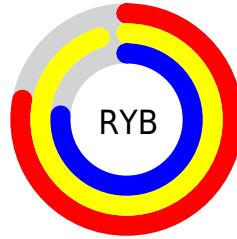
The XYZ color **76.2974, 83.1642, 63.0699** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.3192, 58.2070, 91.3808**, and the grayscale version is **77.8083, 81.8604, 89.1460**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **41.2651, 45.2555, 31.3712** is the 20% darker color. If you saturate the color by 10%, you get **73.2185, 80.9919, 49.7555**, and if you desaturate by 10%, it is **79.8265, 85.5330, 78.7019**.

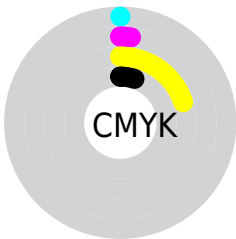
Distribution



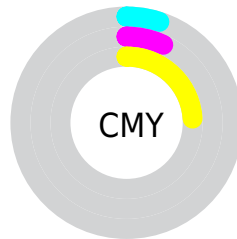
- Red (95%)
- Green (93%)
- Blue (76%)



- Red (78%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2974, 83.1642, 63.0699 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 76.2974, 83.1642, 63.0699 by changing the saturation by 10% instead.

76.2974, 83.1642,
63.0699

76.2974, 83.1642,
63.0699

471.2939,
505.5336, 453.9381

56.9743, 62.3256,
45.4564

127.1253,
137.8054, 110.8569

41.2247, 45.2959,
31.4715

159.3609,
172.3768, 141.8675

28.6831, 31.6905,
20.6967

196.6313,
212.2947, 178.1808

18.9843, 21.1252,
12.7134

239.3020,
257.9433, 220.2155

11.7629, 13.2156,
7.1031

287.7382,
309.7071, 268.3900

6.6535, 7.5772,
3.4472

342.3053,

3.2907, 3.8256,

367.9705, 323.1229

1.3273

403.3688,
433.1178, 384.8327

■ 1.3093, 1.5765,
0.0840

■ 0.1902, 0.3417,
0.0000

■ 76.2974, 83.1642,
63.0699

■ 76.2974, 83.1642,
63.0699

■ 73.2185, 80.9919,
49.7555

■ 79.8265, 85.5330,
78.7019

■ 70.5620, 78.9966,
38.6422

■ 83.8189, 88.0952,
96.7499

■ 68.3073, 77.1728,
29.6113

■ 86.4216, 90.1124,
107.4463

■ 66.4292, 75.5104,
22.5307

■ 87.0385, 91.3463,
107.6519

64.8999, 73.9981,
17.2534

87.6623, 92.5939,
107.8599

63.6873, 72.6232,
13.6114

88.2930, 93.8552,
108.0701

62.7536, 71.3705,
11.4053

88.9306, 95.1304,
108.2826

62.0386, 70.2159,
10.3177

89.5751, 96.4194,
108.4974

62.0051, 70.1594,
10.2741

90.0858, 97.4409,
108.6677

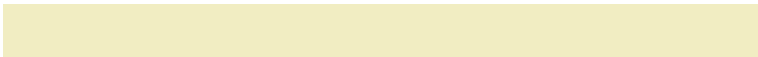
Harmonies

Analogous

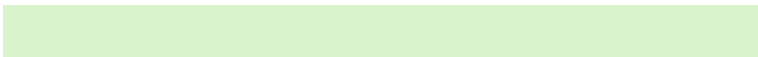
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0615, 83.1642, 63.1898



76.2974, 83.1642, 63.0699



71.5042, 83.1642, 69.6632

Triad

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



76.2974, 83.1642, 63.0699



71.3683, 83.1642, 114.7582



90.2568, 83.1642, 99.3536

Complementary

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



76.2974, 83.1642, 63.0699



58.3192, 58.2070, 91.3808

Split Complementary

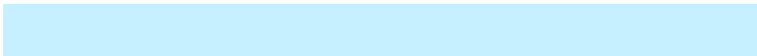
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0983, 83.1642, 115.2468



76.2974, 83.1642, 63.0699



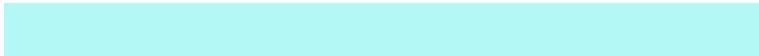
76.1035, 83.1642, 124.8528

Square

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



76.2974, 83.1642, 63.0699



68.7540, 83.1642, 98.7494



81.8579, 83.1642, 125.0418



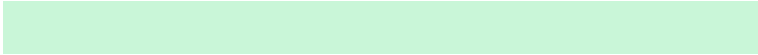
90.3150, 83.1642, 82.8206

Rectangle

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



76.2974, 83.1642, 63.0699



69.4244, 83.1642, 77.5014



81.8579, 83.1642, 125.0418



89.5158, 83.1642, 104.9904

Sweetspot

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



76.2996, 83.1679, 63.0717



92.2702, 98.2266, 96.3011



65.8422, 61.3950, 62.2316



19.6874, 20.9843, 20.3320



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.



76.2996, 83.1679, 63.0717



85.4341, 93.6422, 66.0056



71.3791, 82.3674, 63.1765



17.0013, 18.2157, 16.7696



33.6733, 38.1447, 5.5879



2.8349, 3.2404, 0.4760

Inverse Universe

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



58.3192, 58.2070, 91.3808



61.8709, 60.9323, 103.1079



62.5525, 59.0518, 91.3208



15.0052, 15.4446, 19.9118



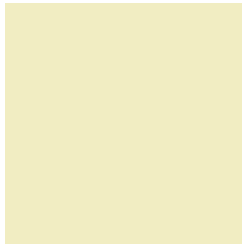
8.7893, 3.8029, 45.3987



0.7680, 0.3900, 3.7890

Previews

White Background



This preview shows how the XYZ color 76.2974, 83.1642, 63.0699 looks on a white background.

Color Contrast Check

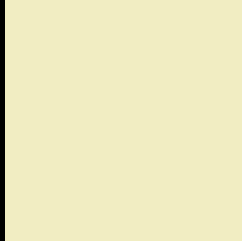
Large Text (above 18pt) WCAG AA × Fail

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 76.2974, 83.1642, 63.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

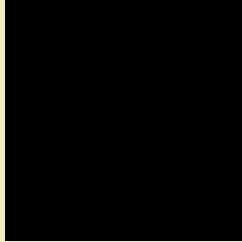
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

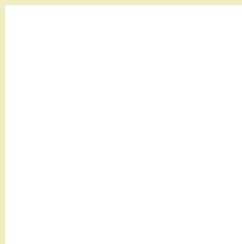
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2974, 83.1642, 63.0699

Background



This preview shows how black text looks on a background with the XYZ color 76.2974, 83.1642, 63.0699.



This preview shows how white text looks on a background with the XYZ color 76.2974, 83.1642,

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

76.2974, 83.1642, 63.0699

Protanopia

78.4009, 83.4067, 62.4190

Deuteranopia

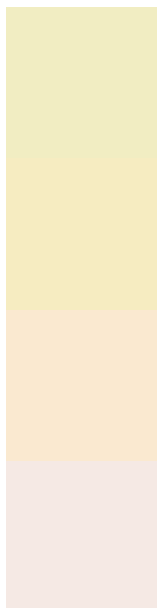
81.9315, 82.8115, 76.6317



Tritanopia

83.9515, 83.3274, 100.4660

Trichromacy



Original Color

76.2974, 83.1642, 63.0699

Protanomaly

77.6271, 83.4340, 62.4651

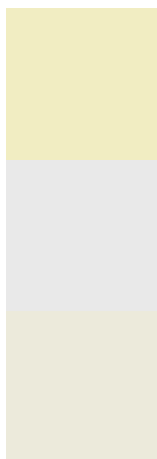
Deuteranomaly

79.9484, 83.1559, 71.5115

Tritanomaly

80.7987, 83.2917, 85.2172

Monochromacy



Original Color

76.2974, 83.1642, 63.0699

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8011, 81.7930, 78.7576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2974, 83.1642, 63.0699 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(241, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 194)  
}
```

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(241, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 194) }
```

Border

The CSS property to change the border of an element to XYZ 76.2974, 83.1642, 63.0699 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(241, 237, 194) }
```


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

```
.border{ border-color:rgb(241, 237, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2974, 83.1642, 63.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 194) }
```

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

```
.background{ background-color: rgb(241,  
237, 194) }
```

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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