

Converting Colors

XYZ(81.4863, 86.0053, 63.8925)

Have a look what the booklet for
XYZ(81.4863, 86.0053, 63.8925)
contains.

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Color

**XYZ(81.3745, 85.7685,
63.8958)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDC3
RGB	255, 237, 195
RGB Percent	100%, 93%, 76%
CMY	0.0000, 0.0706, 0.2353
CMYK	0.00, 0.07, 0.24, 0.00
HSL	42°, 100%, 88%
HSV	42°, 24%, 100%
XYZ	81.3745, 85.7685, 63.8958
YIQ	237.5940, 24.2100, -9.2460

Conversions

Conversions Part 2

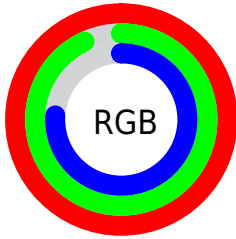
Format	Color
R_{YB}	221, 255, 195
Decimal	16772547
CIE _{Lab}	94.21, -0.28, 22.58
CIE _{LCh}	94, 22.582, 90.719
Yxy	85.7685, 0.3522, 0.3712
Android (android.graphics.Color)	4294962627 (0xFFFFEDC3)
YUV	237.5940, -20.9988, 15.2651
Hunter-Lab	92.6113, -5.2276, 23.9216

Details

The XYZ color **81.3745, 85.7685, 63.8958** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.3493, 66.4086, 104.0343**, and the grayscale version is **81.1000, 85.3235, 92.9173**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **44.6203, 46.9766, 31.9150** is the 20% darker color. If you saturate the color by 10%, you get **76.5674, 80.3809, 49.2632**, and if you desaturate by 10%, it is **86.7727, 91.5495, 81.1566**.

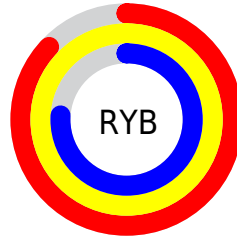
Distribution



Red (100%)

Green (93%)

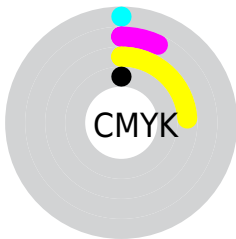
Blue (76%)



Red (87%)

Yellow (100%)

Blue (76%)

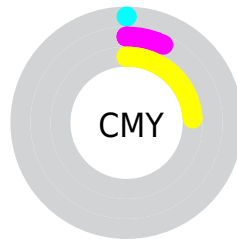


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3745, 85.7685, 63.8958 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 81.3745, 85.7685, 63.8958 by changing the saturation by 10% instead.


 81.3745, 85.7685,
63.8958

 81.3745, 85.7685,
63.8958


488.2193,
514.1676, 457.0104

 61.1624, 64.4766,
46.1206


134.2369,
141.4464, 112.0589

 44.6093, 47.0368,
31.9917


167.6179,
176.6011, 143.2839

 31.3498, 33.0647,
21.0904


206.1193,
217.1456, 179.8292

 21.0185, 22.1760,
12.9982

250.1065,
263.4642, 222.1135

 13.2500, 13.9863,
7.2966

299.9447,
315.9413, 270.5552

 7.6791, 8.1111,
3.5670

355.9993,

 3.9404, 4.1661,

374.9613, 325.5729

1.3910

418.6357,
440.9086, 387.5851

■ 1.6685, 1.7669,
0.1346

■ 0.4364, 0.4664,
0.0000

■ 81.3745, 85.7685,
63.8958

■ 81.3745, 85.7685,
63.8958

■ 76.5674, 80.3809,
49.2632

■ 86.7727, 91.5495,
81.1566

■ 72.3188, 75.3630,
37.1212

■ 92.7800, 97.7242,
101.1630

■ 68.6026, 70.7054,
27.3281

95.0500, 100.0000,
108.9000

■ 65.3875, 66.3936,
19.7253

■ 62.6385, 62.4118,
14.1348

■ 60.3152, 58.7416,
10.3500

■ 58.3687, 55.3616,
8.1196

■ 57.2650, 53.3100,
7.2717

Harmonies

Analogous

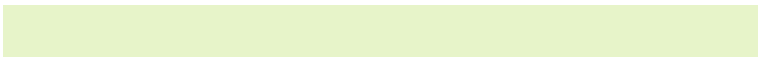
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3392, 85.7685, 67.2538



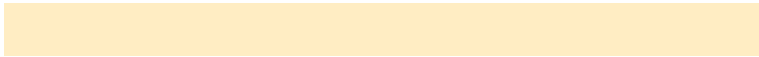
81.3745, 85.7685, 63.8958



75.7249, 85.7685, 67.5902

Triad

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



81.3745, 85.7685, 63.8958



71.9294, 85.7685, 111.4480



92.0864, 85.7685, 110.6353

Complementary

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



81.3745, 85.7685, 63.8958



64.3493, 66.4086, 104.0343

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.



87.6042, 85.7685, 125.0324



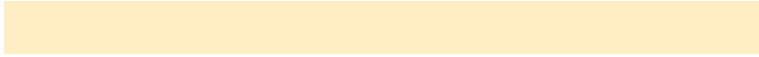
81.3745, 85.7685, 63.8958



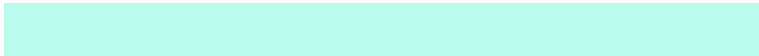
75.9659, 85.7685, 125.5409

Square

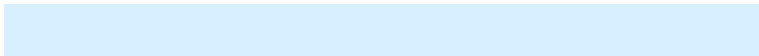
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3745, 85.7685, 63.8958



70.4400, 85.7685, 93.8060



81.6664, 85.7685, 130.7904



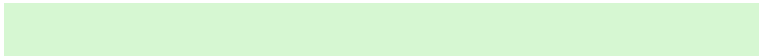
93.7058, 85.7685, 92.9699

Rectangle

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



81.3745, 85.7685, 63.8958



72.8490, 85.7685, 73.8549



81.6664, 85.7685, 130.7904



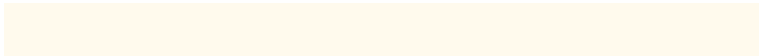
90.8540, 85.7685, 116.0915

Sweetspot

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



81.3766, 85.7723, 63.8976



90.6239, 95.5351, 93.8994



72.7659, 65.0952, 71.6811



19.3187, 20.3680, 19.8355



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

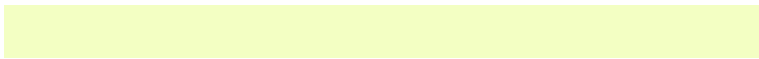
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3766, 85.7723, 63.8976



79.1552, 83.3146, 57.0373



82.5728, 94.5150, 65.5221



19.0743, 20.1169, 19.0219



30.0592, 28.1296, 3.8453



3.0225, 2.9304, 0.4063

Inverse Universe

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



64.3493, 66.4086, 104.0343



59.5559, 61.0299, 103.2488



63.2981, 59.5167, 102.7594



17.4471, 18.2657, 22.8560



10.9123, 6.7342, 50.1593



1.1532, 0.8371, 4.9141

Previews

White Background



This preview shows how the XYZ color 81.3745, 85.7685, 63.8958 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 81.3745, 85.7685, 63.8958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

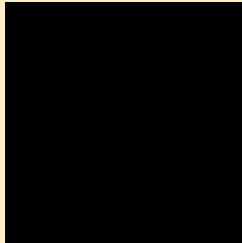
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3745, 85.7685, 63.8958

Background



This preview shows how black text looks on a background with the XYZ color 81.3745, 85.7685, 63.8958.



This preview shows how white text looks on a background with the XYZ color 81.3745, 85.7685,

63.8958.

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

81.3745, 85.7685, 63.8958

Protanopia

80.5697, 85.7846, 63.9414

Deuteranopia

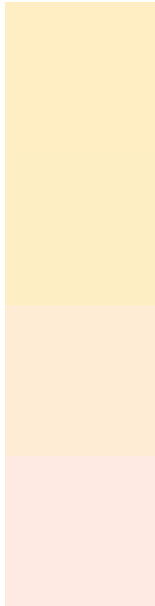
84.1331, 85.9506, 81.2631



Tritanopia

86.5780, 85.5658, 98.3389

Trichromacy



Original Color

81.3745, 85.7685, 63.8958

Protanomaly

80.9329, 85.9718, 63.9584

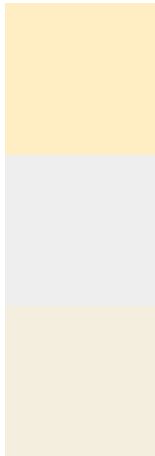
Deuteranomaly

83.1191, 86.0044, 74.5070

Tritanomaly

84.5279, 85.6517, 84.7504

Monochromacy



Original Color

81.3745, 85.7685, 63.8958

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.0676, 85.6561, 81.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3745, 85.7685, 63.8958 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(255, 237, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 195) }
```

Border

The CSS property to change the border of an element to XYZ 81.3745, 85.7685, 63.8958 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(255, 237, 195) }
```


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

```
.border{ border-color:rgb(255, 237, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3745, 85.7685, 63.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 195) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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