

Converting Colors

XYZ(74.7053, 81.9306, 66.0257)

Have a look what the booklet for
XYZ(74.7053, 81.9306, 66.0257)
contains.

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Color

**XYZ(74.5652, 81.7766,
65.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	EBECC7
RGB	235, 236, 199
RGB Percent	92%, 93%, 78%
CMY	0.0784, 0.0745, 0.2196
CMYK	0.00, 0.00, 0.16, 0.07
HSL	62°, 49%, 85%
HSV	62°, 16%, 93%
XYZ	74.5652, 81.7766, 65.8873
YIQ	231.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

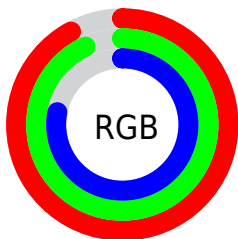
Format	Color
R _Y B	199, 236, 200
Decimal	15461575
CIE Lab	92.48, -6.43, 17.86
CIE LCh	92, 18.984, 109.787
Yxy	81.7766, 0.3355, 0.3680
Android (android.graphics.Color)	4293651655 (0xFFE BECC7)
YUV	231.4830, -16.0141, 3.0844
Hunter-Lab	90.4304, -11.0695, 20.1028

Details

The XYZ color **74.5652, 81.7766, 65.8873** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.3864, 59.1845, 87.6551**, and the grayscale version is **76.4272, 80.4073, 87.5636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0225, 44.2706, 33.2237** is the 20% darker color. If you saturate the color by 10%, you get **71.8244, 80.6586, 52.5475**, and if you desaturate by 10%, it is **77.7361, 83.0722, 81.4688**.

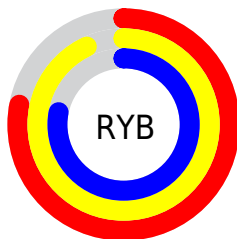
Distribution



Red (92%)

Green (93%)

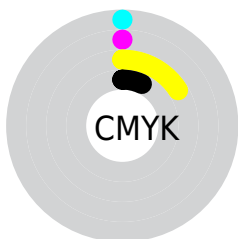
Blue (78%)



Red (78%)

Yellow (93%)

Blue (78%)

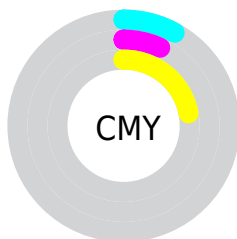


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (8%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5652, 81.7766, 65.8873 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 74.5652, 81.7766, 65.8873 by changing the saturation by 10% instead.

74.5652, 81.7766,
65.8873

74.5652, 81.7766,
65.8873

465.4420,
500.9001, 464.3669

55.5497, 61.1814,
47.7250

124.6879,
135.8607, 114.9500

40.0776, 44.3716,
33.2507

156.5258,
170.1183, 146.6875

27.7835, 30.9627,
22.0459

193.3685,
209.6990, 183.7872

18.3021, 20.5705,
13.6920

235.5814,
254.9869, 226.6676

11.2681, 12.8104,
7.7705

283.5299,
306.3666, 275.7472

6.3161, 7.2981,
3.8628

337.5792,

3.0807, 3.6492,

364.2225, 331.4446

1.5504

398.0948,
428.9388, 394.1783

■ 1.1966, 1.4793,
0.2550

■ 0.1037, 0.2741,
0.0000

■ 74.5652, 81.7766,
65.8873

■ 74.5652, 81.7766,
65.8873

■ 71.8244, 80.6586,
52.5475

■ 77.7361, 83.0722,
81.4688

■ 69.4877, 79.6996,
41.3414


■ 81.3490, 84.5419,
99.3830


■ 67.5362, 78.8948,
32.1599


■ 82.9468, 85.2057,
106.6823

■ 65.9470, 78.2350,
24.8820


■ 83.1612, 85.3162,
106.6924


 64.6947, 77.7100,
19.3741


 83.3763, 85.4271,
106.7024


 63.7505, 77.3083,
15.4852


 83.5922, 85.5384,
106.7125

 63.0811, 77.0167,
13.0391

 83.8088, 85.6501,
106.7227

 62.6452, 76.8185,
11.8185

 84.0262, 85.7622,
106.7328

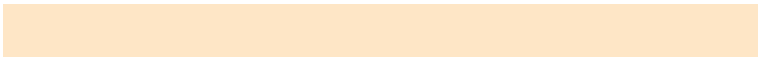
 62.5005, 76.7504,
11.5202

 84.2444, 85.8747,
106.7431

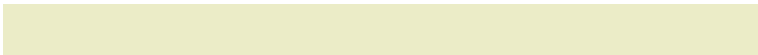
Harmonies

Analogous

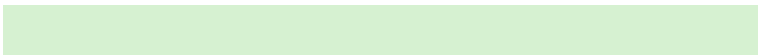
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4170, 81.7766, 64.9338



74.5652, 81.7766, 65.8873



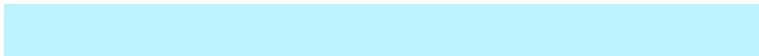
70.7184, 81.7766, 72.6576

Triad

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



74.5652, 81.7766, 65.8873



71.7727, 81.7766, 111.3923



87.4207, 81.7766, 93.9354

Complementary

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



74.5652, 81.7766, 65.8873



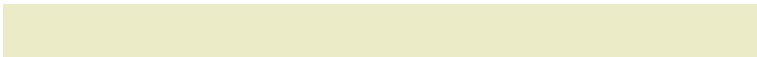
59.3864, 59.1845, 87.6551

Split Complementary

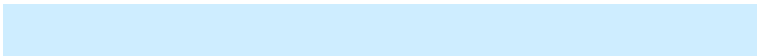
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1823, 81.7766, 107.7184



74.5652, 81.7766, 65.8873



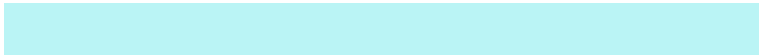
76.0596, 81.7766, 118.4789

Square

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



74.5652, 81.7766, 65.8873



69.1539, 81.7766, 98.5383



80.9753, 81.7766, 117.0677



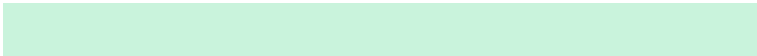
86.9791, 81.7766, 80.1741

Rectangle

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



74.5652, 81.7766, 65.8873



69.1762, 81.7766, 79.9974



80.9753, 81.7766, 117.0677



86.9532, 81.7766, 98.7413

Sweetspot

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



74.5674, 81.7802, 65.8890



92.9373, 99.1402, 98.4391



65.4691, 63.0896, 62.7609



19.8312, 21.1951, 20.7675



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.



74.5674, 81.7802, 65.8890



87.7250, 97.0143, 72.8455



68.8879, 78.8523, 65.6233



16.3091, 17.6049, 16.0572



34.4684, 42.3136, 6.3507



2.7194, 3.3292, 0.4993

Inverse Universe

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



59.3864, 59.1845, 87.6551



66.2287, 65.0184, 103.6669



64.5146, 61.8282, 87.8951



14.2690, 14.5684, 18.9822



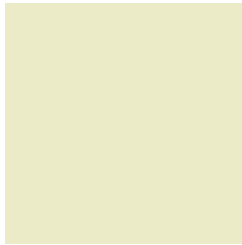
8.4072, 3.3700, 43.9503



0.6735, 0.2715, 3.4518

Previews

White Background



This preview shows how the XYZ color 74.5652, 81.7766, 65.8873 looks on a white background.

Color Contrast Check

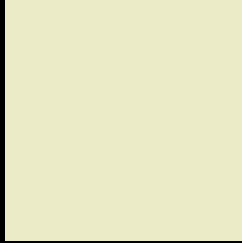
Large Text (above 18pt) WCAG AA × Fail

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 74.5652, 81.7766, 65.8873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

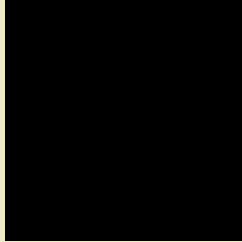
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

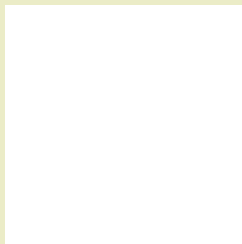
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5652, 81.7766, 65.8873

Background



This preview shows how black text looks on a background with the XYZ color 74.5652, 81.7766, 65.8873.



This preview shows how white text looks on a background with the XYZ color 74.5652, 81.7766,

65.8873.

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

74.5652, 81.7766, 65.8873

Protanopia

77.2230, 81.9019, 64.5619

Deuteranopia

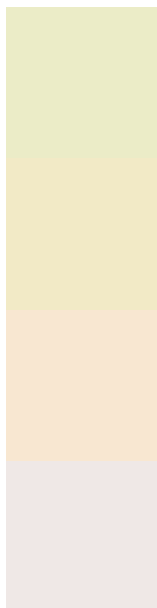
81.1210, 81.6018, 75.0935



Tritanopia

81.4258, 81.6313, 99.4605

Trichromacy



Original Color

74.5652, 81.7766, 65.8873

Protanomaly

76.2338, 81.8001, 65.1971

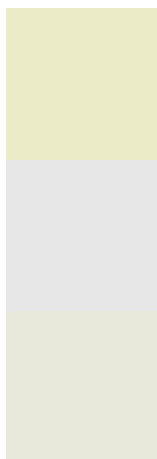
Deuteranomaly

78.7959, 81.7117, 71.9406

Tritanomaly

78.7361, 81.7771, 86.4976

Monochromacy



Original Color

74.5652, 81.7766, 65.8873

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2038, 80.5481, 78.6015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5652, 81.7766, 65.8873 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(235, 236, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 236, 199)  
}
```

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(235, 236, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 199) }
```

Border

The CSS property to change the border of an element to XYZ 74.5652, 81.7766, 65.8873 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(235, 236, 199) }
```


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

```
.border{ border-color:rgb(235, 236, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 236, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5652, 81.7766, 65.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 236, 199) }
```

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

```
.background{ background-color: rgb(235,  
236, 199) }
```

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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