

Converting Colors

XYZ(81.0699, 85.7783, 75.9023)

Have a look what the booklet for
XYZ(81.0699, 85.7783, 75.9023)
contains.

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Color

**XYZ(81.0699, 85.7783,
75.9023)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EED6
RGB	247, 238, 214
RGB Percent	97%, 93%, 84%
CMY	0.0314, 0.0666, 0.1608
CMYK	0.00, 0.04, 0.13, 0.03
HSL	44°, 67%, 90%
HSV	44°, 13%, 97%
XYZ	81.0699, 85.7783, 75.9023
YIQ	237.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

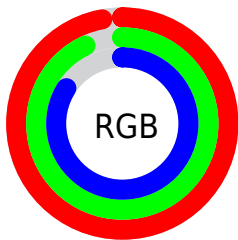
Format	Color
R _Y B	226, 247, 214
Decimal	16248534
CIE Lab	94.22, -0.89, 12.69
CIE LCh	94, 12.726, 94.032
Yxy	85.7783, 0.3340, 0.3534
Android (android.graphics.Color)	4294438614 (0xFFF7EED6)
YUV	237.9550, -11.8098, 7.9325
Hunter-Lab	92.6166, -5.8329, 16.2415

Details

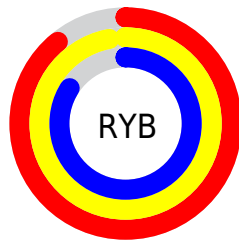
The XYZ color **81.0699, 85.7783, 75.9023** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.9074, 73.7853, 98.5012**, and the grayscale version is **81.3166, 85.5514, 93.1655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4718, 47.0355, 39.5357** is the 20% darker color. If you saturate the color by 10%, you get **76.2287, 80.7666, 59.8878**, and if you desaturate by 10%, it is **86.4675, 91.1356, 94.4642**.

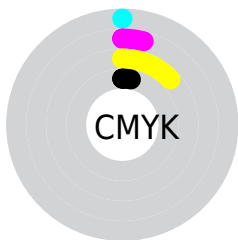
Distribution



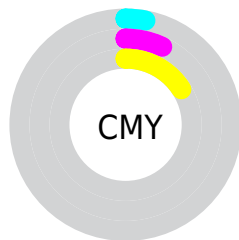
- Red (97%)
- Green (93%)
- Blue (84%)



- Red (89%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0699, 85.7783, 75.9023 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 81.0699, 85.7783, 75.9023 by changing the saturation by 10% instead.


 81.0699, 85.7783,
75.9023

 81.0699, 85.7783,
75.9023


487.2130,
514.1999, 500.3511

 60.9107, 64.4847,
55.8462


133.8116,
141.4601, 129.3476

 44.4053, 47.0433,
39.6765


167.1247,
176.6170, 163.5739

 31.1886, 33.0699,
26.9745


205.5531,
217.1638, 203.3607

 20.8950, 22.1800,
17.3218

249.4623,
263.4849, 249.1266

 13.1593, 13.9892,
10.2998

299.2175,
315.9646, 301.2900

 7.6161, 8.1132,
5.4900

355.1841,

 3.9000, 4.1675,

374.9875, 360.2695

2.4738

417.7275,
440.9378, 426.4837

■ 1.6457, 1.7677,
0.8262

■ 0.4219, 0.4669,
0.0000

■ 81.0699, 85.7783,
75.9023

■ 81.0699, 85.7783,
75.9023

■ 76.2287, 80.7666,
59.8878

■ 86.4675, 91.1356,
94.4642

■ 71.9146, 76.0790,
46.3019

■ 91.0527, 96.2836,
108.3933

■ 68.1061, 71.7083,
35.0244

■ 92.1681, 98.5143,
108.7651

■ 64.7773, 67.6429,
25.9227

■ 61.8994, 63.8700,
18.8508

■ 59.4407, 60.3756,
13.6444

■ 57.3642, 57.1434,
10.1134

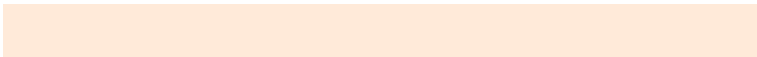
■ 55.6253, 54.1542,
8.0271

■ 54.6137, 52.2856,
7.2137

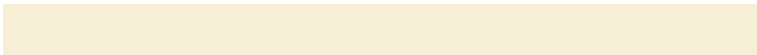
Harmonies

Analogous

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



84.4325, 85.7783, 77.5231



81.0699, 85.7783, 75.9023



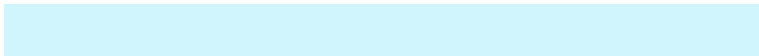
77.9175, 85.7783, 78.6942

Triad

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



81.0699, 85.7783, 75.9023



76.2194, 85.7783, 104.2982



87.5633, 85.7783, 101.8579

Complementary

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



81.0699, 85.7783, 75.9023



70.9074, 73.7853, 98.5012

Split Complementary

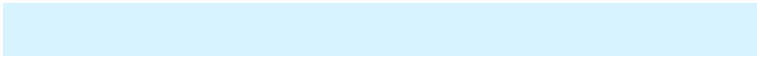
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2518, 85.7783, 109.8279



81.0699, 85.7783, 75.9023



78.6942, 85.7783, 111.3043

Square

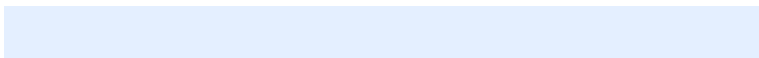
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0699, 85.7783, 75.9023



75.1669, 85.7783, 94.7235



81.9912, 85.7783, 113.3946



88.2418, 85.7783, 92.0849

Rectangle

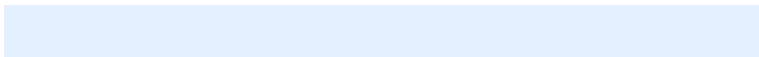
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0699, 85.7783, 75.9023



76.3409, 85.7783, 82.8046



81.9912, 85.7783, 113.3946



86.9484, 85.7783, 104.8584

Sweetspot

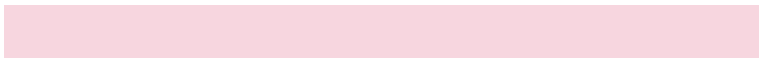
The Sweet Spot groups the original color and five complimentary colors.



81.0722, 85.7821, 75.9041



92.5704, 97.5993, 100.1858



75.7718, 73.2150, 80.1991



19.7164, 20.7951, 21.1041



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

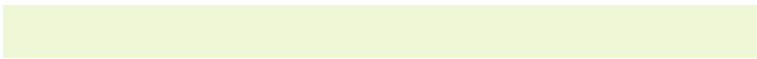
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0722, 85.7821, 75.9041



85.7174, 90.7538, 76.7518



81.2835, 89.8764, 76.6833



17.5104, 18.5049, 17.4465



29.0075, 27.9005, 3.8565



2.6346, 2.6225, 0.3673

Inverse Universe

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



70.9074, 73.7853, 98.5012



72.8521, 75.5704, 105.3546



70.7006, 70.2054, 97.8211



15.9487, 16.6617, 20.9180



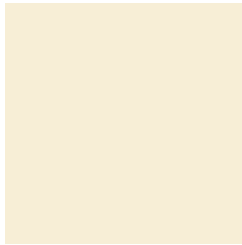
10.0514, 5.8965, 47.1464



0.9655, 0.6823, 4.1711

Previews

White Background



This preview shows how the XYZ color 81.0699, 85.7783, 75.9023 looks on a white background.

Color Contrast Check

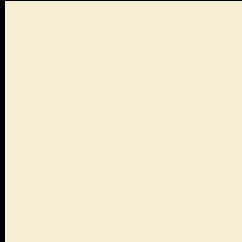
Large Text (above 18pt) WCAG AA × Fail

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 81.0699, 85.7783, 75.9023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

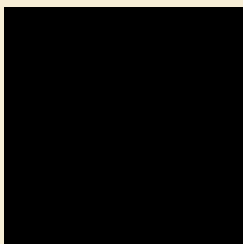
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

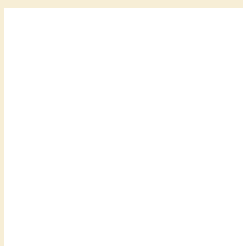
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0699, 85.7783, 75.9023

Background



This preview shows how black text looks on a background with the XYZ color 81.0699, 85.7783, 75.9023.



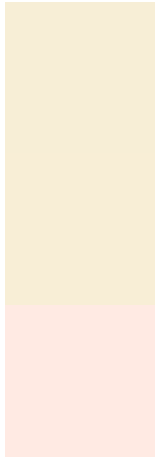
This preview shows how white text looks on a background with the XYZ color 81.0699, 85.7783,

75.9023.

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

81.0699, 85.7783, 75.9023

Protanopia

81.4235, 85.9606, 75.9189

Deuteranopia

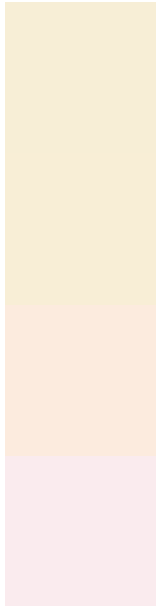
84.5279, 85.6517, 84.7504



Tritanopia

86.6964, 85.9383, 103.2851

Trichromacy



Original Color

81.0699, 85.7783, 75.9023

Protanomaly

81.4235, 85.9606, 75.9189

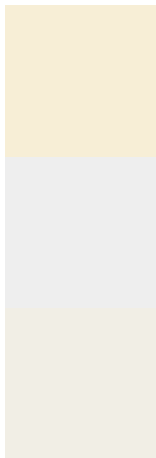
Deuteranomaly

83.0380, 85.3860, 81.2118

Tritanomaly

84.5653, 85.9137, 93.0149

Monochromacy



Original Color

81.0699, 85.7783, 75.9023

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9930, 85.5070, 86.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0699, 85.7783, 75.9023 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(247, 238, 214) looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 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(247, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 214) }
```

Border

The CSS property to change the border of an element to XYZ 81.0699, 85.7783, 75.9023 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(247, 238, 214) }
```


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

```
.border{ border-color:rgb(247, 238, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 238, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0699, 85.7783, 75.9023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 214) }
```

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

```
.background{ background-color: rgb(247,  
238, 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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