

Converting Colors

XYZ(79.9506, 84.7849, 75.1021)

Have a look what the booklet for
XYZ(79.9506, 84.7849, 75.1021)
contains.

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Color

**XYZ(79.9506, 84.7849,
75.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EDD5
RGB	245, 237, 213
RGB Percent	96%, 93%, 84%
CMY	0.0392, 0.0706, 0.1647
CMYK	0.00, 0.03, 0.13, 0.04
HSL	45°, 62%, 90%
HSV	45°, 13%, 96%
XYZ	79.9506, 84.7849, 75.1021
YIQ	236.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

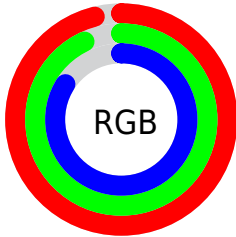
Format	Color
RYB	224, 245, 213
Decimal	16117205
CIELab	93.79, -1.25, 12.58
CIELCh	94, 12.645, 95.655
Yxy	84.7849, 0.3334, 0.3535
Android (android.graphics.Color)	4294307285 (0xFFF5EDD5)
YUV	236.6560, -11.6624, 7.3177
Hunter-Lab	92.0787, -6.1488, 16.0964

Details

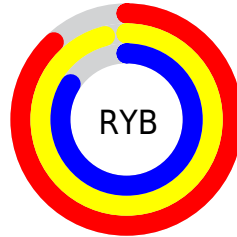
The XYZ color **79.9506, 84.7849, 75.1021** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.7783, 72.4503, 96.6935**, and the grayscale version is **80.3138, 84.4963, 92.0165**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6817, 46.3352, 38.9891** is the 20% darker color. If you saturate the color by 10%, you get **75.3314, 80.1524, 59.3616**, and if you desaturate by 10%, it is **85.1047, 89.7339, 93.3407**.

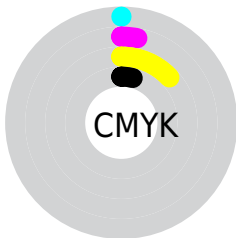
Distribution



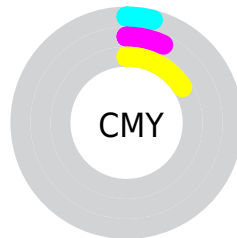
- Red (96%)
- Green (93%)
- Blue (84%)



- Red (88%)
- Yellow (96%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9506, 84.7849, 75.1021 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 79.9506, 84.7849, 75.1021 by changing the saturation by 10% instead.

79.9506, 84.7849,
75.1021

79.9506, 84.7849,
75.1021

483.5054,
510.9160, 497.5332

59.9860, 63.6637,
55.1943

132.2472,
140.0726, 128.2053

43.6568, 46.3783,
39.1577

165.3099,
175.0079, 162.2378

30.5975, 32.5445,
26.5736

203.4693,
215.3166, 201.8156

20.4429, 21.7777,
17.0237

247.0909,
261.3832, 247.3573

12.8275, 13.6937,
10.0892

296.5399,
313.5920, 299.2813

7.3861, 7.9079,
5.3518

352.1818,

3.7532, 4.0361,

372.3275, 358.0063

2.3928

414.3818,
437.9741, 423.9507

■ 1.5635, 1.6938,
0.7825

■ 0.3684, 0.4196,
0.0000

■ 79.9506, 84.7849,
75.1021

■ 79.9506, 84.7849,
75.1021

■ 75.3314, 80.1524,
59.3616

■ 85.1047, 89.7339,
93.3407

■ 71.2187, 75.8155,
46.0030

■ 89.6591, 94.5379,
108.1298

■ 67.5916, 71.7677,
34.9088

■ 91.4665, 98.1526,
108.7323

■ 64.4249, 67.9980,
25.9495

■ 61.6909, 64.4944,
18.9823

■ 59.3586, 61.2433,
13.8471

■ 57.3921, 58.2294,
10.3585

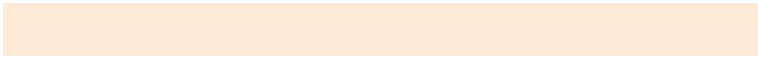
■ 55.7484, 55.4344,
8.2920

■ 54.7528, 53.6052,
7.4611

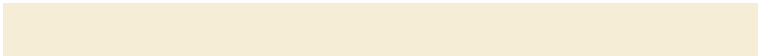
Harmonies

Analogous

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



83.2780, 84.7849, 76.4654



79.9506, 84.7849, 75.1021



76.8783, 84.7849, 78.0847

Triad

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



79.9506, 84.7849, 75.1021



75.4496, 84.7849, 103.5261



86.6156, 84.7849, 100.1550

Complementary

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



79.9506, 84.7849, 75.1021



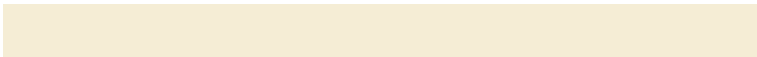
69.7783, 72.4503, 96.6935

Split Complementary

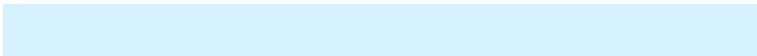
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4101, 84.7849, 108.1800



79.9506, 84.7849, 75.1021



77.9517, 84.7849, 110.2191

Square

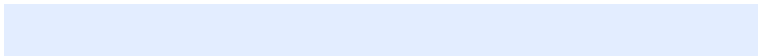
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9506, 84.7849, 75.1021



74.3263, 84.7849, 94.1515



81.2238, 84.7849, 111.9785



87.1866, 84.7849, 90.5052

Rectangle

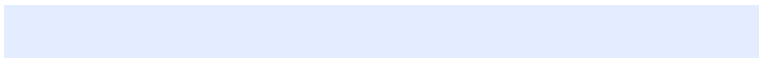
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9506, 84.7849, 75.1021



75.3685, 84.7849, 82.2670



81.2238, 84.7849, 111.9785



86.0378, 84.7849, 103.1525

Sweetspot

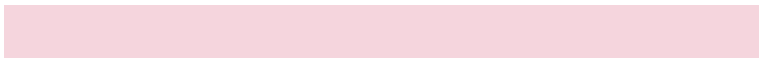
The Sweet Spot groups the original color and five complimentary colors.



79.9529, 84.7886, 75.1039



92.6433, 97.7451, 100.2101



74.5026, 72.2226, 78.4214



19.7349, 20.8320, 21.1102



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.



79.9529, 84.7886, 75.1039



85.9969, 91.3128, 76.8449



79.5886, 88.1143, 75.7650



17.5436, 18.5713, 17.4575



29.6117, 29.1091, 4.0579



2.6835, 2.7202, 0.3836

Inverse Universe

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



69.7783, 72.4503, 96.6935



72.6016, 75.0696, 105.2711



70.0956, 69.5545, 96.1179



15.9175, 16.5993, 20.9076



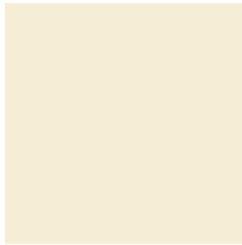
9.8759, 5.5456, 47.0879



0.9463, 0.6441, 4.1647

Previews

White Background



This preview shows how the XYZ color 79.9506, 84.7849, 75.1021 looks on a white background.

Color Contrast Check

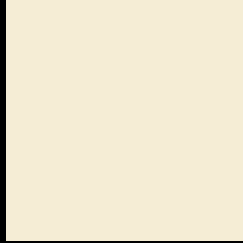
Large Text (above 18pt) WCAG AA × Fail

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 79.9506, 84.7849, 75.1021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

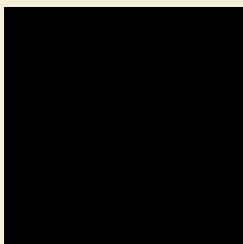
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

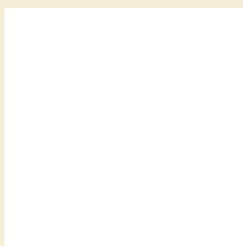
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9506, 84.7849, 75.1021

Background



This preview shows how black text looks on a background with the XYZ color 79.9506, 84.7849, 75.1021.

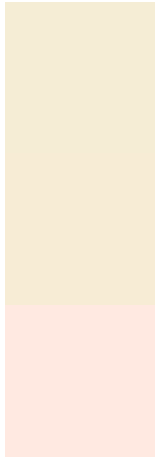


This preview shows how white text looks on a background with the XYZ color 79.9506, 84.7849,

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

79.9506, 84.7849, 75.1021

Protanopia

80.3635, 84.5692, 75.0387

Deuteranopia

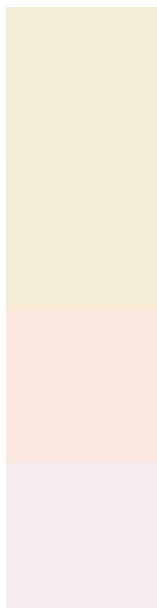
83.9695, 84.9741, 83.2101



Tritanopia

85.5363, 84.9393, 102.3292

Trichromacy



Original Color

79.9506, 84.7849, 75.1021

Protanomaly

80.0117, 84.3878, 75.0222

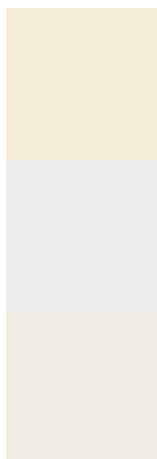
Deuteranomaly

82.2576, 84.5753, 80.3958

Tritanomaly

83.4203, 84.9165, 92.1146

Monochromacy



Original Color

79.9506, 84.7849, 75.1021

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.2230, 84.6951, 85.5184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9506, 84.7849, 75.1021 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(245, 237, 213) looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 213)  
}
```

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(245, 237, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 213) }
```

Border

The CSS property to change the border of an element to XYZ 79.9506, 84.7849, 75.1021 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(245, 237, 213) }
```


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

```
.border{ border-color:rgb(245, 237, 213) }
```

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

Here you see how a box with a 4 pixel rgb(245, 237, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9506, 84.7849, 75.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 213) }
```

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

```
.background{ background-color: rgb(245,  
237, 213) }
```

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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