

Converting Colors

XYZ(79.8049, 82.8742, 72.5085)

Have a look what the booklet for
XYZ(79.8049, 82.8742, 72.5085)
contains.

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Color

**XYZ(79.8387, 83.0707,
72.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E9D2
RGB	249, 233, 210
RGB Percent	98%, 91%, 82%
CMY	0.0235, 0.0863, 0.1765
CMYK	0.00, 0.06, 0.16, 0.02
HSL	35°, 76%, 90%
HSV	35°, 16%, 98%
XYZ	79.8387, 83.0707, 72.7991
YIQ	235.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

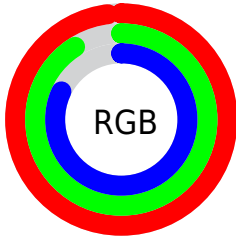
Format	Color
R _Y B	237, 249, 210
Decimal	16378322
CIE Lab	93.05, 1.74, 13.12
CIE LCh	93, 13.240, 82.428
Yxy	83.0707, 0.3387, 0.3524
Android (android.graphics.Color)	4294568402 (0xFFFF9E9D2)
YUV	235.1620, -12.4049, 12.1359
Hunter-Lab	91.1431, -3.1397, 16.4433

Details

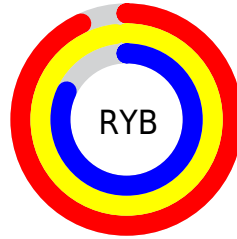
The XYZ color **79.8387, 83.0707, 72.7991** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.8733, 74.9324, 100.3512**, and the grayscale version is **79.1734, 83.2966, 90.7100**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4611, 45.0510, 37.8576** is the 20% darker color. If you saturate the color by 10%, you get **74.1675, 76.3122, 56.7760**, and if you desaturate by 10%, it is **86.1644, 90.3644, 91.4237**.

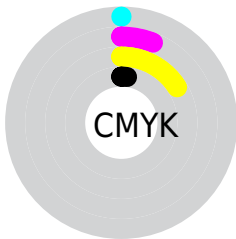
Distribution



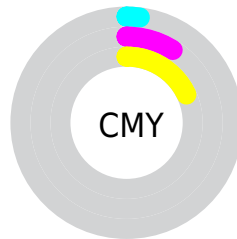
- Red (98%)
- Green (91%)
- Blue (82%)



- Red (93%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8387, 83.0707, 72.7991 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 79.8387, 83.0707, 72.7991 by changing the saturation by 10% instead.


 79.8387, 83.0707,
72.7991

 79.8387, 83.0707,
72.7991


483.1339,
505.2221, 489.3703

 59.8936, 62.2485,
53.3209


132.0906,
137.6745, 124.9102

 43.5820, 45.2335,
37.6695


165.1282,
172.2248, 158.3802

 30.5386, 31.6414,
25.4265


203.2607,
212.1200, 197.3512

 20.3978, 21.0877,
16.1732


246.8534,
257.7444, 242.2418

 12.7945, 13.1881,
9.4911

296.2718,
309.4824, 293.4704

 7.3632, 7.5582,
4.9617

351.8810,

 3.7386, 3.8136,

367.7184, 351.4557

2.1665

414.0466,
432.8369, 416.6162

■ 1.5553, 1.5698,
0.6549

■ 0.3630, 0.3371,
0.0000

■ 79.8387, 83.0707,
72.7991

■ 79.8387, 83.0707,
72.7991

■ 74.1675, 76.3122,
56.7760

■ 86.1644, 90.3644,
91.4237

■ 69.1191, 70.0632,
43.2309

■ 92.3786, 97.8827,
108.6321

■ 64.6689, 64.3121,
32.0382

■ 92.8772, 98.8799,
108.7983

■ 60.7877, 59.0426,
23.0592

■ 57.4435, 54.2369,
16.1403

■ 54.6004, 49.8757,
11.1080

■ 52.2170, 45.9372,
7.7599

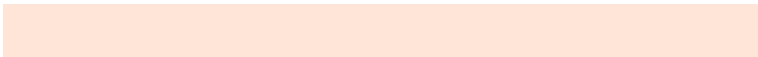
■ 50.2426, 42.3959,
5.8458

■ 49.4819, 40.9692,
5.2999

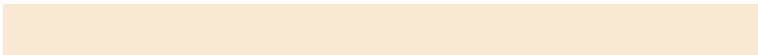
Harmonies

Analogous

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



83.0950, 83.0707, 76.1340



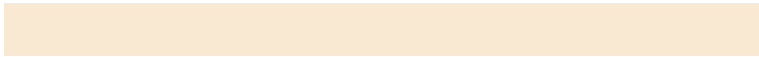
79.8387, 83.0707, 72.7991



76.4378, 83.0707, 73.9112

Triad

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



79.8387, 83.0707, 72.7991



72.9478, 83.0707, 97.9380



84.3635, 83.0707, 102.6092

Complementary

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



79.8387, 83.0707, 72.7991



70.8733, 74.9324, 100.3512

Split Complementary

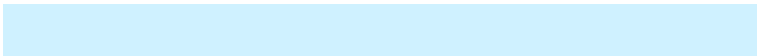
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5293, 83.0707, 109.2882



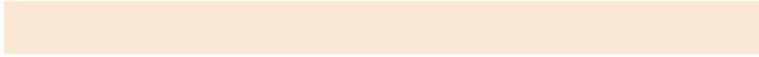
79.8387, 83.0707, 72.7991



74.9572, 83.0707, 106.4565

Square

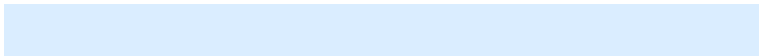
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8387, 83.0707, 72.7991



72.5251, 83.0707, 87.9551



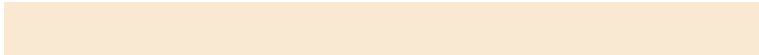
78.0802, 83.0707, 110.7453



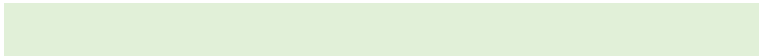
85.7567, 83.0707, 92.9913

Rectangle

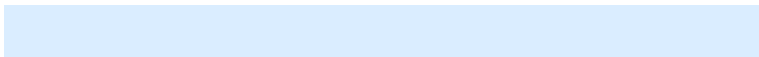
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8387, 83.0707, 72.7991



74.5397, 83.0707, 77.0655



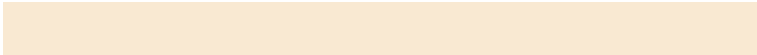
78.0802, 83.0707, 110.7453



83.5438, 83.0707, 105.3006

Sweetspot

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



79.8409, 83.0744, 72.8009



91.4190, 95.9147, 97.8965



75.8763, 71.7388, 81.9804



19.4613, 20.4093, 20.6353



0.0000, 0.0000, 0.0000



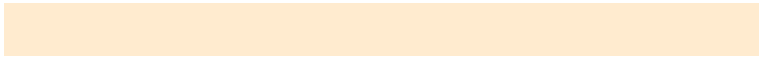
20.3446, 21.4041, 23.3091

Same Dimension

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



79.8409, 83.0744, 72.8009



82.1928, 85.2336, 70.8632



83.4278, 91.9529, 74.3256



18.0957, 18.9272, 18.1620



26.6300, 22.2167, 2.8847



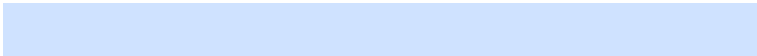
2.5707, 2.2663, 0.3019

Inverse Universe

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



70.8733, 74.9324, 100.3512



70.9675, 75.0426, 105.3520



67.6597, 67.1175, 99.0121



16.8677, 17.8121, 21.9344



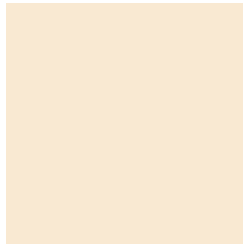
11.8342, 9.0239, 49.0916



1.1975, 1.0386, 4.5805

Previews

White Background



This preview shows how the XYZ color 79.8387, 83.0707, 72.7991 looks on a white background.

Color Contrast Check

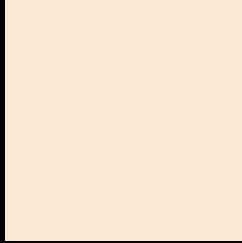
Large Text (above 18pt) WCAG AA × Fail

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 79.8387, 83.0707, 72.7991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

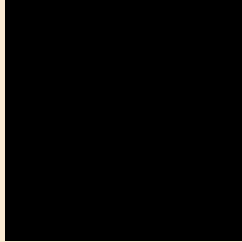
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8387, 83.0707, 72.7991

Background



This preview shows how black text looks on a background with the XYZ color 79.8387, 83.0707, 72.7991.



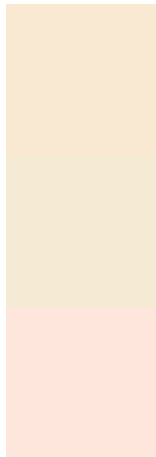
This preview shows how white text looks on a background with the XYZ color 79.8387, 83.0707,

72.7991.

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

79.8387, 83.0707, 72.7991

Protanopia

78.8369, 82.9613, 73.4860

Deuteranopia

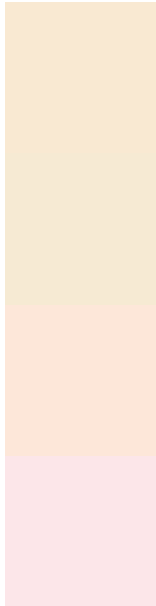
82.5880, 83.0741, 80.0887



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

79.8387, 83.0707, 72.7991

Protanomaly

79.1867, 83.1416, 73.5024

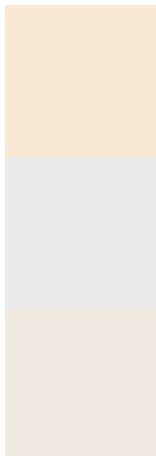
Deuteranomaly

81.6083, 83.0442, 77.3736

Tritanomaly

83.1497, 83.1723, 88.7622

Monochromacy



Original Color

79.8387, 83.0707, 72.7991

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0855, 82.8619, 83.7772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8387, 83.0707, 72.7991 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(249, 233, 210) looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 210)  
}
```

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(249, 233, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.8387, 83.0707, 72.7991 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(249, 233, 210) }
```


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

```
.border{ border-color:rgb(249, 233, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 233, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8387, 83.0707, 72.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 233, 210) }
```

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

```
.background{ background-color: rgb(249,  
233, 210) }
```

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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