

Converting Colors

XYZ(79.4205, 89.1091, 75.0700)

Have a look what the booklet for
XYZ(79.4205, 89.1091, 75.0700)
contains.

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Color

**XYZ(79.4054, 88.9372,
75.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF7D4
RGB	235, 247, 212
RGB Percent	92%, 97%, 83%
CMY	0.0784, 0.0313, 0.1686
CMYK	0.05, 0.00, 0.14, 0.03
HSL	81°, 69%, 90%
HSV	81°, 14%, 97%
XYZ	79.4054, 88.9372, 75.2688
YIQ	239.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

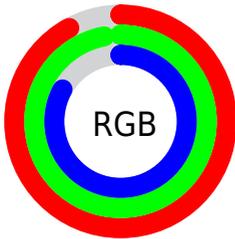
Format	Color
R _{YB}	212, 247, 224
Decimal	15464404
CIE Lab	95.55, -9.92, 15.49
CIE LCh	96, 18.400, 122.639
Yxy	88.9372, 0.3260, 0.3651
Android (android.graphics.Color)	4293654484 (0xFFEBF7D4)
YUV	239.4220, -13.5190, -3.8781
Hunter-Lab	94.3065, -14.7407, 18.6935

Details

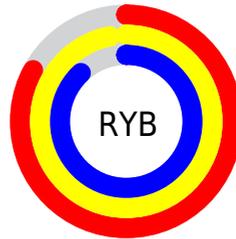
The XYZ color **79.4054, 88.9372, 75.2688** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.0759, 69.6521, 97.6986**, and the grayscale version is **82.4749, 86.7700, 94.4926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3070, 49.2796, 39.1277** is the 20% darker color. If you saturate the color by 10%, you get **73.7950, 86.3805, 59.9667**, and if you desaturate by 10%, it is **85.6306, 91.7610, 93.0915**.

Distribution



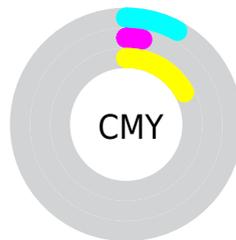
- Red (92%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4054, 88.9372, 75.2688 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 79.4054, 88.9372, 75.2688 by changing the saturation by 10% instead.

79.4054, 88.9372,
75.2688

79.4054, 88.9372,
75.2688

481.6938,
524.5675, 498.1210

59.5360, 67.0995,
55.3301

131.4844,
145.8612, 128.4434

43.2927, 49.1655,
39.2657

164.4246,
181.7164, 162.5163

30.3104, 34.7508,
26.6570

202.4524,
223.0128, 202.1377

20.2235, 23.4710,
17.0857

245.9333,
270.1348, 247.7262

12.6669, 14.9416,
10.1330

295.2325,
323.4669, 299.7002

7.2750, 8.7784,
5.3805

350.7154,

3.6825, 4.5970,

383.3935, 358.4783

2.4096

412.7474,
450.2989, 424.4791

■ 1.5241, 2.0128,
0.7916

■ 0.3422, 0.6149,
0.0000

■ 79.4054, 88.9372,
75.2688

■ 79.4054, 88.9372,
75.2688

■ 73.7950, 86.3805,
59.9667

■ 85.6306, 91.7610,
93.0915

■ 68.7687, 84.0697,
47.0656

■ 91.4370, 94.4301,
108.0153

■ 64.3038, 81.9984,
36.4450

■ 92.5526, 95.0052,
108.0675

■ 60.3731, 80.1555,
27.9713

■ 56.9467, 78.5289,
21.4974

■ 53.9911, 77.1048,
16.8576

■ 51.4677, 75.8678,
13.8593

■ 49.3298, 74.7987,
12.2674

■ 48.2226, 74.2373,
11.7876

Harmonies

Analogous

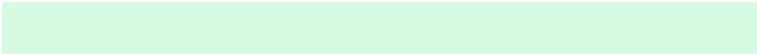
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0860, 88.9372, 71.6433



79.4054, 88.9372, 75.2688



76.2030, 88.9372, 84.6178

Triad

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



79.4054, 88.9372, 75.2688



80.1501, 88.9372, 123.6774



94.6014, 88.9372, 95.5632

Complementary

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



79.4054, 88.9372, 75.2688



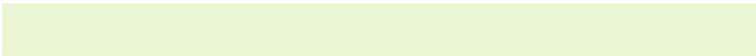
71.0759, 69.6521, 97.6986

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.



93.4471, 88.9372, 110.1803



79.4054, 88.9372, 75.2688



84.9798, 88.9372, 127.3381

Square

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



79.4054, 88.9372, 75.2688



76.6208, 88.9372, 112.6141



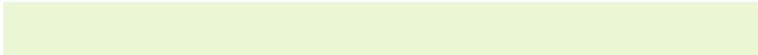
89.8749, 88.9372, 122.1769



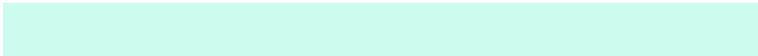
92.9701, 88.9372, 82.6078

Rectangle

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



79.4054, 88.9372, 75.2688



75.2684, 88.9372, 93.3204



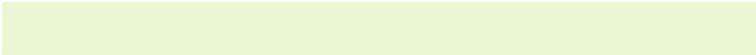
89.8749, 88.9372, 122.1769



94.5263, 88.9372, 100.4418

Sweetspot

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



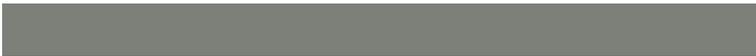
79.4078, 88.9411, 75.2707



92.1756, 98.7029, 100.4196



76.8108, 77.6628, 73.2307



19.6163, 21.0754, 21.1634



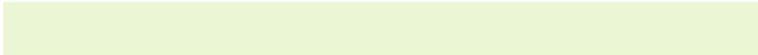
0.0000, 0.0000, 0.0000



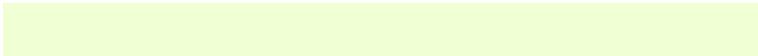
20.3446, 21.4041, 23.3091

Same Dimension

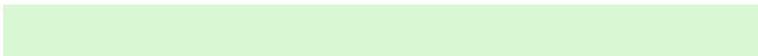
The Same Dimension uses a secret algorithm to generate beautiful new colors.



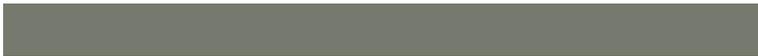
79.4078, 88.9411, 75.2707



83.5798, 94.8043, 75.9501



74.0109, 86.1589, 75.0182



17.3307, 19.0125, 17.5539



25.6603, 39.3412, 6.2412



2.3653, 3.5144, 0.5537

Inverse Universe

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



71.0759, 69.6521, 97.6986



73.0325, 70.3846, 104.3441



76.6677, 72.5347, 97.9603



16.1170, 16.2029, 20.8206



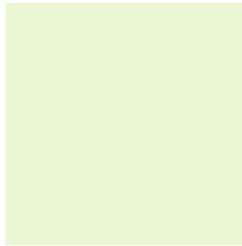
10.9829, 4.6362, 46.8540



1.0712, 0.4621, 4.1230

Previews

White Background



This preview shows how the XYZ color 79.4054, 88.9372, 75.2688 looks on a white background.

Color Contrast Check

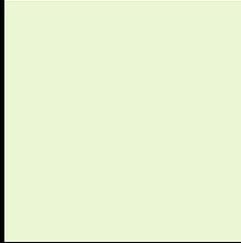
Large Text (above 18pt) WCAG AA × Fail

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 79.4054, 88.9372, 75.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

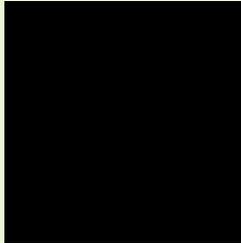
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

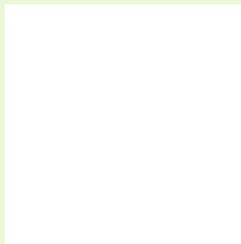
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4054, 88.9372, 75.2688

Background



This preview shows how black text looks on a background with the XYZ color 79.4054, 88.9372, 75.2688.



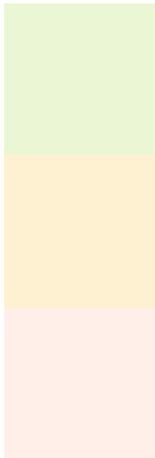
This preview shows how white text looks on a background with the XYZ color 79.4054, 88.9372,

75.2688.

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

79.4054, 88.9372, 75.2688

Protanopia

83.8370, 88.5849, 73.0015

Deuteranopia

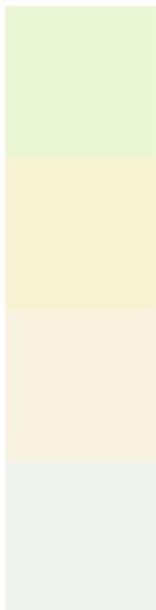
86.6720, 88.8192, 88.9196



Tritanopia

86.1232, 89.0078, 107.2488

Trichromacy



Original Color

79.4054, 88.9372, 75.2688

Protanomaly

82.0412, 88.5285, 73.7364

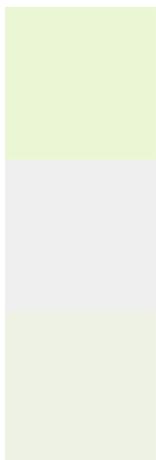
Deuteranomaly

84.0541, 88.8970, 83.9629

Tritanomaly

83.2272, 88.6839, 94.3925

Monochromacy



Original Color

79.4054, 88.9372, 75.2688

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.1549, 87.3385, 86.7094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4054, 88.9372, 75.2688 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, 247, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 247, 212)  
}
```

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, 247, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 247, 212) }
```

Border

The CSS property to change the border of an element to XYZ 79.4054, 88.9372, 75.2688 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, 247, 212) }
```

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

```
.border{ border-color:rgb(235, 247, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 247, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 247,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4054, 88.9372, 75.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 247, 212) }
```

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

```
.background{ background-color: rgb(235,  
247, 212) }
```

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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