

Converting Colors

XYZ(68.2429, 79.1614, 55.9389)

Have a look what the booklet for
XYZ(68.2429, 79.1614, 55.9389)
contains.

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Color

**XYZ(68.2429, 79.1614,
55.9389)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEDB6
RGB	220, 237, 182
RGB Percent	86%, 93%, 71%
CMY	0.1373, 0.0706, 0.2863
CMYK	0.07, 0.00, 0.23, 0.07
HSL	79°, 60%, 82%
HSV	79°, 23%, 93%
XYZ	68.2429, 79.1614, 55.9389
YIQ	225.6470, 7.5230, -20.7090

Conversions

Conversions Part 2

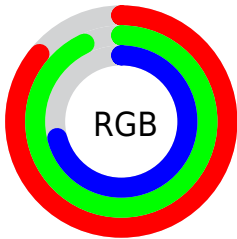
Format	Color
R _{YB}	182, 237, 199
Decimal	14478774
CIE Lab	91.31, -14.81, 24.83
CIE LCh	91, 28.910, 120.811
Yxy	79.1614, 0.3356, 0.3893
Android (android.graphics.Color)	4292668854 (0xFFDCEDB6)
YUV	225.6470, -21.5180, -4.9524
Hunter-Lab	88.9727, -18.7910, 25.0041

Details

The XYZ color **68.2429, 79.1614, 55.9389** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.5703, 51.7146, 87.1781**, and the grayscale version is **72.1822, 75.9413, 82.7001**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **36.0034, 42.6321, 27.1001** is the 20% darker color. If you saturate the color by 10%, you get **63.8293, 77.1480, 44.0109**, and if you desaturate by 10%, it is **73.1724, 81.3977, 70.0581**.

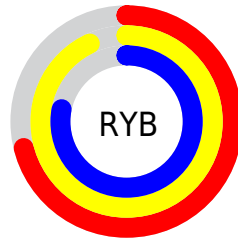
Distribution



Red (86%)

Green (93%)

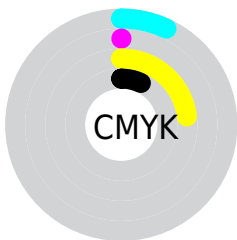
Blue (71%)



Red (71%)

Yellow (93%)

Blue (78%)

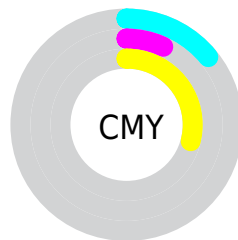


Cyan (7%)

Magenta (0%)

Yellow (23%)

Black (7%)



Cyan (14%)


Magenta (7%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2429, 79.1614, 55.9389 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 68.2429, 79.1614, 55.9389 by changing the saturation by 10% instead.


 68.2429, 79.1614,
55.9389

 68.2429, 79.1614,
55.9389

443.7194,
492.1022, 426.8430

 50.3698, 59.0285,
39.7503

 115.7396,
132.1861, 100.4001

 35.9263, 42.6361,
27.0316


146.0938,
165.8466, 129.5098

 24.5471, 29.5997,
17.3643


181.3391,
204.7852, 163.7636

 15.8669, 19.5349,
10.3299

221.8409,
249.3862, 203.5801

 9.5203, 12.0574,
5.5098

267.9644,
300.0340, 249.3777

 5.1419, 6.7828,
2.4854

320.0751,

 2.3664, 3.3266,

357.1130, 301.5750

0.8324

378.5383,
421.0076, 360.5906

■ 0.8283, 1.3046,
0.0000

■ 0.0000, 0.1447,
0.0000

■ 68.2429, 79.1614,
55.9389

■ 68.2429, 79.1614,
55.9389

■ 63.8293, 77.1480,
44.0109

■ 73.1724, 81.3977,
70.0581

■ 59.9034, 75.3381,
34.1591

■ 78.6323, 83.8549,
86.4656

■ 56.4433, 73.7255,
26.2658

■ 84.6439, 86.5443,
105.2588

■ 53.4227, 72.2995,
20.1992

■ 87.5133, 87.9883,
106.9787

■ 50.8123, 71.0481,
15.8117

■ 89.5758, 89.0516,
107.0753

■ 48.5783, 69.9579,
12.9325

■ 46.6801, 69.0123,
11.3545

■ 45.5406, 68.4358,
10.8092

Harmonies

Analogous

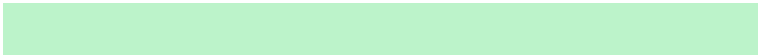
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0411, 79.1614, 51.7750



68.2429, 79.1614, 55.9389



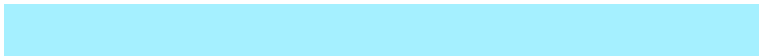
63.5833, 79.1614, 67.9509

Triad

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



68.2429, 79.1614, 55.9389



68.5674, 79.1614, 126.4996



90.2479, 79.1614, 85.6229

Complementary

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



68.2429, 79.1614, 55.9389



55.5703, 51.7146, 87.1781

Split Complementary

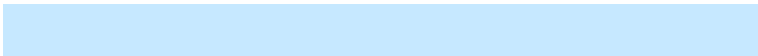
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2420, 79.1614, 107.4393



68.2429, 79.1614, 55.9389



75.4403, 79.1614, 133.2371

Square

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



68.2429, 79.1614, 55.9389



63.7619, 79.1614, 108.5902



82.7009, 79.1614, 125.7627



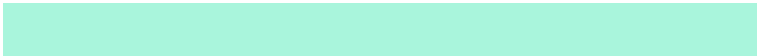
88.0202, 79.1614, 67.1094

Rectangle

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



68.2429, 79.1614, 55.9389



62.1546, 79.1614, 79.9002



82.7009, 79.1614, 125.7627



90.0452, 79.1614, 92.8085

Sweetspot

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



68.2450, 79.1649, 55.9406



90.3068, 97.8715, 94.3671



63.6799, 62.0016, 52.8683



19.2450, 20.9106, 19.9441



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.



68.2450, 79.1649, 55.9406



77.9500, 92.2751, 58.8304



60.7226, 75.2869, 55.5886



15.8725, 17.3798, 16.0368



25.0027, 37.4338, 5.9077



2.0611, 2.9899, 0.4685

Inverse Universe

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



55.5703, 51.7146, 87.1781



60.4707, 54.4102, 101.9228



63.3809, 55.7411, 87.5436



14.6693, 14.7748, 19.0009



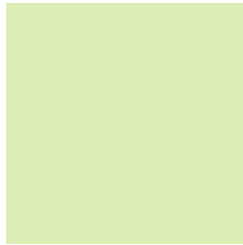
9.9750, 4.1782, 44.0237



0.8786, 0.3772, 3.4614

Previews

White Background



This preview shows how the XYZ color 68.2429, 79.1614, 55.9389 looks on a white background.

Color Contrast Check

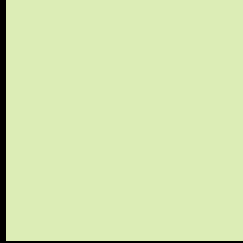
Large Text (above 18pt) WCAG AA × Fail

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 68.2429, 79.1614, 55.9389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

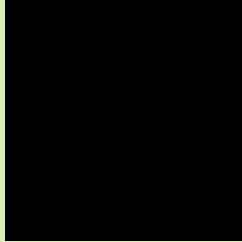
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

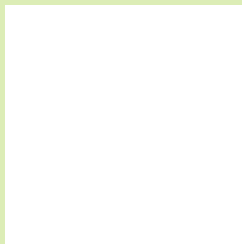
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2429, 79.1614, 55.9389

Background



This preview shows how black text looks on a background with the XYZ color 68.2429, 79.1614, 55.9389.

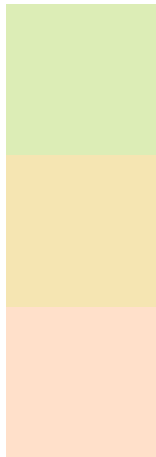


This preview shows how white text looks on a background with the XYZ color 68.2429, 79.1614,

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

68.2429, 79.1614, 55.9389

Protanopia

73.7114, 78.6655, 53.4184

Deuteranopia

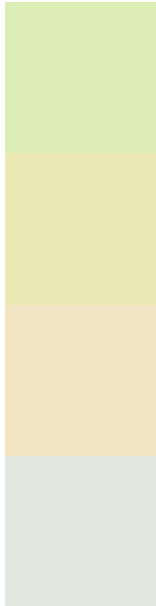
78.5563, 78.8356, 66.9535



Tritanopia

76.6911, 78.7986, 98.3564

Trichromacy



Original Color

68.2429, 79.1614, 55.9389

Protanomaly

71.5854, 78.8008, 54.0849

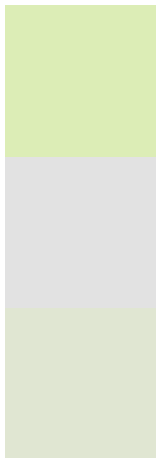
Deuteranomaly

74.4876, 78.8560, 62.9246

Tritanomaly

73.2592, 78.6483, 81.1315

Monochromacy



Original Color

68.2429, 79.1614, 55.9389

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.6701, 77.0941, 72.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2429, 79.1614, 55.9389 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(220, 237, 182)` looks like.

```
.text, #text, p{  
    color:rgb(220, 237, 182)  
}
```

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(220, 237, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 237, 182) }
```

Border

The CSS property to change the border of an element to XYZ 68.2429, 79.1614, 55.9389 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(220, 237, 182) }
```


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

```
.border{ border-color:rgb(220, 237, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 237, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 237, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 237, 182);  
box-shadow:4px 4px 4px 4px rgb(220, 237,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2429, 79.1614, 55.9389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 237, 182) }
```

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

```
.background{ background-color: rgb(220,  
237, 182) }
```

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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