

Converting Colors

XYZ(68.5942, 79.1056, 59.9733)

Have a look what the booklet for
XYZ(68.5942, 79.1056, 59.9733)
contains.

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Color

**XYZ(68.6829, 79.3026,
59.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEDBD
RGB	219, 237, 189
RGB Percent	86%, 93%, 74%
CMY	0.1412, 0.0706, 0.2588
CMYK	0.08, 0.00, 0.20, 0.07
HSL	83°, 57%, 84%
HSV	83°, 20%, 93%
XYZ	68.6829, 79.3026, 59.8311
YIQ	226.1460, 4.6800, -18.7440

Conversions

Conversions Part 2

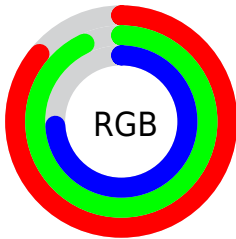
Format	Color
RYB	189, 237, 207
Decimal	14413245
CIELab	91.37, -14.12, 21.31
CIELCh	91, 25.563, 123.536
Yxy	79.3026, 0.3305, 0.3816
Android (android.graphics.Color)	4292603325 (0xFFDBEDBD)
YUV	226.1460, -18.3130, -6.2670
Hunter-Lab	89.0520, -18.1698, 22.5014

Details

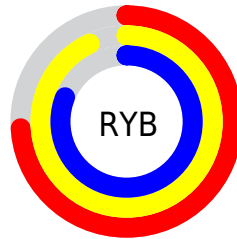
The XYZ color **68.6829, 79.3026, 59.8311** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.2191, 55.7773, 87.7700**, and the grayscale version is **72.5221, 76.2989, 83.0895**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **36.2069, 42.6895, 29.2533** is the 20% darker color. If you saturate the color by 10%, you get **63.7149, 77.0172, 47.2490**, and if you desaturate by 10%, it is **74.2184, 81.8367, 74.6374**.

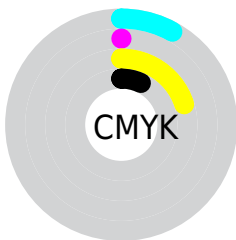
Distribution



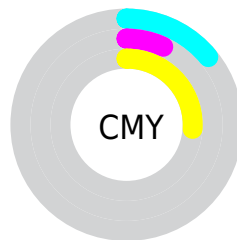
- Red (86%)
- Green (93%)
- Blue (74%)



- Red (74%)
- Yellow (93%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6829, 79.3026, 59.8311 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 68.6829, 79.3026, 59.8311 by changing the saturation by 10% instead.

68.6829, 79.3026,
59.8311

68.6829, 79.3026,
59.8311

445.2507,
492.5794, 441.7623

50.7292, 59.1446,
42.8581

116.3651,
132.3848, 106.1256

36.2133, 42.7296,
29.4432

146.8243,
166.0778, 136.2842

24.7699, 29.6730,
19.1679

182.1828,
205.0512, 171.6750

16.0335, 19.5905,
11.6136

222.8058,
249.6896, 212.7167

9.6389, 12.0977,
6.3618

269.0587,
300.3772, 259.8277

5.2206, 6.8103,
2.9940


321.3069,


2.4133, 3.3437,


357.4984, 313.4266


1.0916


379.9158,
421.4377, 373.9320


 0.8518, 1.3137,
0.0000


 0.0000, 0.1518,
0.0000


 68.6829, 79.3026,
59.8311


 68.6829, 79.3026,
59.8311


 63.7149, 77.0172,
47.2490

 74.2184, 81.8367,
74.6374

 59.2854, 74.9609,
36.7786

 80.3364, 84.6179,
91.7631

 55.3723, 73.1272,
28.3050

 86.2260, 87.3248,
106.9185

 51.9491, 71.5051,
21.7006

 89.4137, 88.9681,
107.0677

■ 48.9862, 70.0825,
16.8228

■ 89.5758, 89.0517,
107.0753

■ 46.4503, 68.8460,
13.5085

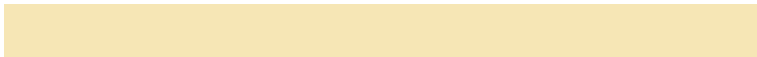
■ 44.3020, 67.7793,
11.5635

■ 42.5186, 66.8779,
10.6678

Harmonies

Analogous

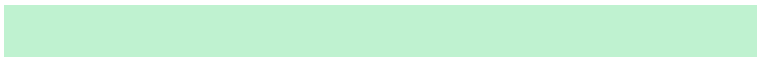
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6070, 79.3026, 55.3392



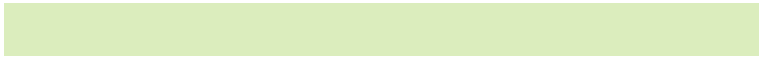
68.6829, 79.3026, 59.8311



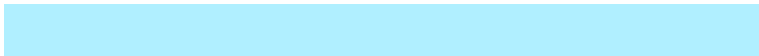
64.7372, 79.3026, 71.3672

Triad

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



68.6829, 79.3026, 59.8311



69.9446, 79.3026, 122.4911



88.5409, 79.3026, 84.1596

Complementary

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



68.6829, 79.3026, 59.8311



59.2191, 55.7773, 87.7700

Split Complementary

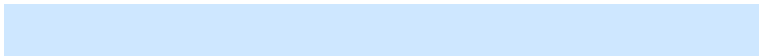
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1180, 79.3026, 103.2888



68.6829, 79.3026, 59.8311



76.1477, 79.3026, 127.1963

Square

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



68.6829, 79.3026, 59.8311



65.4358, 79.3026, 107.6548



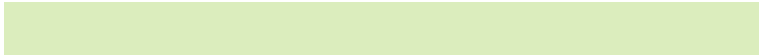
82.4877, 79.3026, 119.7268



86.2724, 79.3026, 68.0545

Rectangle

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



68.6829, 79.3026, 59.8311



63.6328, 79.3026, 82.3823



82.4877, 79.3026, 119.7268



88.4790, 79.3026, 90.4370

Sweetspot

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



68.6850, 79.3061, 59.8328



90.6038, 97.9812, 96.3416



66.3293, 66.1134, 57.4105



19.2926, 20.9264, 20.3416



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.



68.6850, 79.3061, 59.8328



78.7686, 92.5694, 64.6374



62.0812, 75.9017, 59.5238



15.7727, 17.3284, 16.0321



23.3624, 36.5882, 5.8309



1.9405, 2.9277, 0.4628

Inverse Universe

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



59.2191, 55.7773, 87.7700



65.8397, 60.4288, 102.8015



66.3126, 59.4341, 88.1020



14.7650, 14.8241, 19.0054



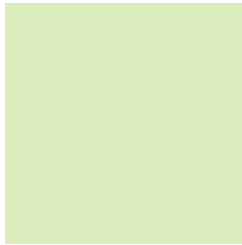
10.7231, 4.5639, 44.0587



0.9456, 0.4118, 3.4645

Previews

White Background



This preview shows how the XYZ color 68.6829, 79.3026, 59.8311 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 68.6829, 79.3026, 59.8311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

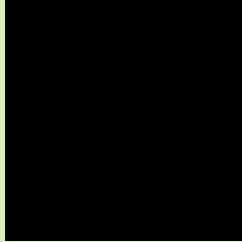
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

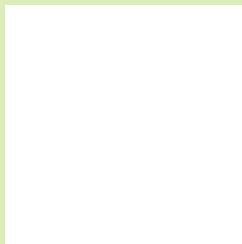
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6829, 79.3026, 59.8311

Background



This preview shows how black text looks on a background with the XYZ color 68.6829, 79.3026, 59.8311.



This preview shows how white text looks on a background with the XYZ color 68.6829, 79.3026,

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

68.6829, 79.3026, 59.8311

Protanopia

74.3620, 79.3295, 57.2918

Deuteranopia

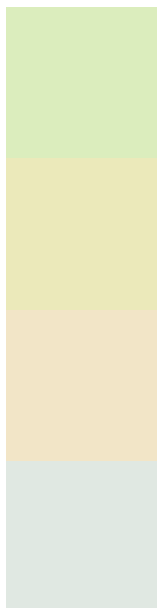
78.9151, 78.9791, 68.8428



Tritanopia

76.4864, 79.0849, 99.2293

Trichromacy



Original Color

68.6829, 79.3026, 59.8311

Protanomaly

72.2628, 79.4852, 57.9879

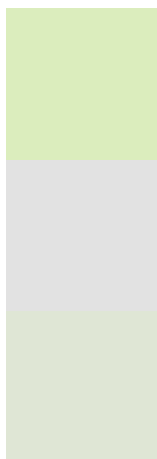
Deuteranomaly

74.9461, 79.0394, 65.3389

Tritanomaly

73.3245, 79.0515, 83.3454

Monochromacy



Original Color

68.6829, 79.3026, 59.8311

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.7385, 77.0857, 74.1015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6829, 79.3026, 59.8311 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(219, 237, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 237, 189)  
}
```

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(219, 237, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 237, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.6829, 79.3026, 59.8311 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(219, 237, 189) }
```


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

```
.border{ border-color:rgb(219, 237, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 237, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 237, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 237, 189); box-shadow:4px 4px 4px 4px rgb(219, 237, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6829, 79.3026, 59.8311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 237, 189) }
```

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

```
.background{ background-color: rgb(219,  
237, 189) }
```

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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