

Converting Colors

XYZ(59.3104, 70.6715, 39.6612)

Have a look what the booklet for
XYZ(59.3104, 70.6715, 39.6612)
contains.

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Color

**XYZ(59.3495, 70.7278,
39.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E397
RGB	209, 227, 151
RGB Percent	82%, 89%, 59%
CMY	0.1804, 0.1098, 0.4078
CMYK	0.08, 0.00, 0.33, 0.11
HSL	74°, 58%, 74%
HSV	74°, 33%, 89%
XYZ	59.3495, 70.7278, 39.8019
YIQ	212.9540, 13.6680, -27.4520

Conversions

Conversions Part 2

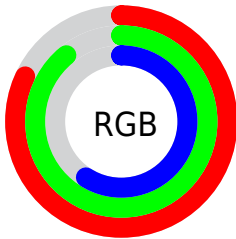
Format	Color
RYB	151, 227, 169
Decimal	13755287
CIELab	87.35, -18.12, 35.19
CIElCh	87, 39.584, 117.248
Yxy	70.7278, 0.3494, 0.4163
Android (android.graphics.Color)	4291945367 (0xFFD1E397)
YUV	212.9540, -30.5433, -3.4677
Hunter-Lab	84.0998, -21.2067, 30.8097

Details

The XYZ color **59.3495, 70.7278, 39.8019** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2966, 36.1161, 77.4715**, and the grayscale version is **63.4080, 66.7102, 72.6474**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **30.3311, 37.2759, 17.4007** is the 20% darker color. If you saturate the color by 10%, you get **56.1853, 69.2917, 30.9397**, and if you desaturate by 10%, it is **62.9237, 72.3387, 50.5390**.

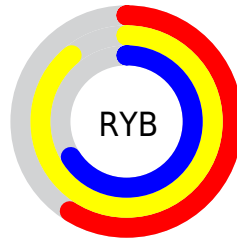
Distribution



Red (82%)

Green (89%)

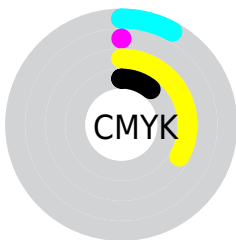
Blue (59%)



Red (59%)

Yellow (89%)

Blue (66%)

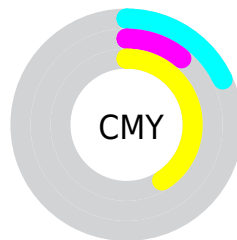


Cyan (8%)

Magenta (0%)

Yellow (33%)

Black (11%)



Cyan (18%)

Magenta (11%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3495, 70.7278, 39.8019 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 59.3495, 70.7278, 39.8019 by changing the saturation by 10% instead.

■ 59.3495, 70.7278,
39.8019

■ 59.3495, 70.7278,
39.8019

412.0691,
463.1013, 360.8151

■ 43.1420, 52.1201,
27.0715

■ 102.9972,
120.2461, 76.0955

■ 30.1915, 37.1008,
17.3940

■ 131.1681,
151.9254, 100.4959

■ 20.1328, 25.2856,
10.3509

164.0574,
188.7308, 129.6233

■ 12.6004, 16.2899,
5.5236

202.0306,
231.0465, 163.8963

■ 7.2291, 9.7295,
2.4936

245.4531,
279.2570, 203.7334

■ 3.6534, 5.2200,
0.8367

294.6901,

■ 1.5080, 2.3769,

333.7468, 249.5533

0.0000

350.1070,
394.9001, 301.7743

■ 0.3312, 0.8140,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3495, 70.7278,
39.8019

■ 59.3495, 70.7278,
39.8019

■ 56.1853, 69.2917,
30.9397

■ 62.9237, 72.3387,
50.5390

■ 53.4047, 68.0126,
23.8402

■ 66.9217, 74.1226,
63.2455

■ 50.9866, 66.8842,
18.3862

■ 71.3634, 76.0901,
78.0152

■ 48.9050, 65.8962,
14.4444

■ 76.2657, 78.2479,
94.9342

■ 47.1302, 65.0366,
11.8610

■ 80.0758, 79.9750,
105.8240

■ 45.6263, 64.2910,
10.4491

■ 81.8873, 80.9089,
105.9088

■ 44.7547, 63.8514,
9.9657

■ 83.7530, 81.8707,
105.9961

■ 85.6734, 82.8607,
106.0860

■ 86.7606, 83.4211,
106.1369

Harmonies

Analogous

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



68.0888, 70.7278, 36.2816



59.3495, 70.7278, 39.8019



53.2520, 70.7278, 52.4486

Triad

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



59.3495, 70.7278, 39.8019



57.9885, 70.7278, 128.7382



86.7594, 70.7278, 79.5012

Complementary

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



59.3495, 70.7278, 39.8019



41.2966, 36.1161, 77.4715

Split Complementary

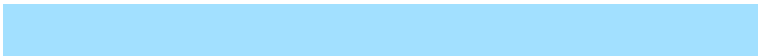
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4498, 70.7278, 108.2460



59.3495, 70.7278, 39.8019



66.3679, 70.7278, 140.4876

Square

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



59.3495, 70.7278, 39.8019



52.5187, 70.7278, 102.9780



75.7673, 70.7278, 132.2405



84.4476, 70.7278, 55.8225

Rectangle

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



59.3495, 70.7278, 39.8019



51.2178, 70.7278, 66.2286



75.7673, 70.7278, 132.2405



86.2609, 70.7278, 88.9034

Sweetspot

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



59.3513, 70.7309, 39.8034



89.0251, 97.3373, 88.5912



51.4053, 46.8441, 35.6116



18.8841, 20.7583, 18.3991



0.0000, 0.0000, 0.0000



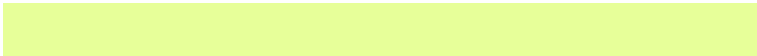
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3513, 70.7309, 39.8034



74.4120, 90.7816, 43.7377



49.9101, 65.8638, 39.3616



15.2504, 16.6361, 15.3118



26.2082, 37.2923, 5.8168



2.0174, 2.7974, 0.4336

Inverse Universe

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



41.2966, 36.1161, 77.4715



47.6100, 39.3688, 99.6974



50.5918, 40.9080, 77.9065



13.9009, 14.0511, 18.1238



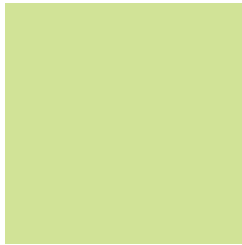
9.0528, 3.7328, 42.6265



0.7503, 0.3178, 3.1538

Previews

White Background



This preview shows how the XYZ color 59.3495, 70.7278, 39.8019 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 59.3495, 70.7278, 39.8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

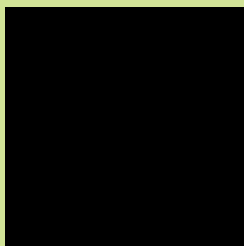
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

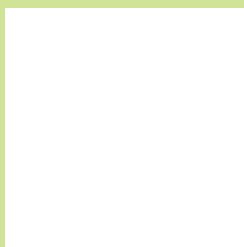
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3495, 70.7278, 39.8019

Background



This preview shows how black text looks on a background with the XYZ color 59.3495, 70.7278, 39.8019.



This preview shows how white text looks on a background with the XYZ color 59.3495, 70.7278,

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

59.3495, 70.7278, 39.8019

Protanopia

65.2629, 70.2539, 37.7244

Deuteranopia

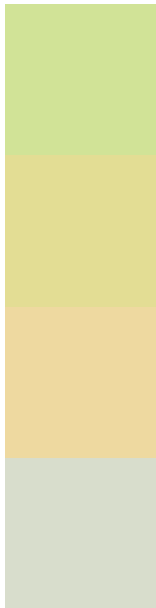
71.3258, 70.5651, 45.4585



Tritanopia

69.1793, 70.7819, 87.8580

Trichromacy



Original Color

59.3495, 70.7278, 39.8019

Protanomaly

62.8803, 70.1819, 38.2493

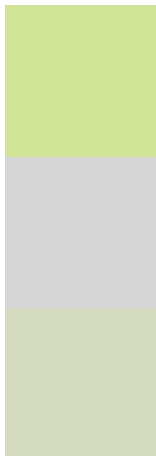
Deuteranomaly

66.4179, 70.3409, 43.3343

Tritanomaly

65.0744, 70.6715, 67.3379

Monochromacy



Original Color

59.3495, 70.7278, 39.8019

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5170, 67.8576, 58.5707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3495, 70.7278, 39.8019 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(209, 227, 151)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 151)  
}
```

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(209, 227, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 151) }
```

Border

The CSS property to change the border of an element to XYZ 59.3495, 70.7278, 39.8019 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(209, 227, 151) }
```


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

```
.border{ border-color:rgb(209, 227, 151) }
```

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

Here you see how a box with a 4 pixel rgb(209, 227, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 151);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3495, 70.7278, 39.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 151) }
```

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

```
.background{ background-color: rgb(209,  
227, 151) }
```

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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