

Converting Colors

XYZ(58.2464, 59.8379, 38.9025)

Have a look what the booklet for
XYZ(58.2464, 59.8379, 38.9025)
contains.

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Color

**XYZ(58.2511, 59.6739,
39.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C79A
RGB	228, 199, 154
RGB Percent	89%, 78%, 60%
CMY	0.1059, 0.2196, 0.3961
CMYK	0.00, 0.13, 0.32, 0.11
HSL	36°, 58%, 75%
HSV	36°, 32%, 89%
XYZ	58.2511, 59.6739, 39.0199
YIQ	202.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

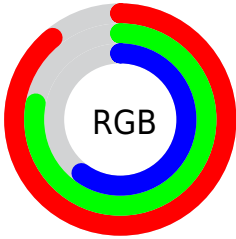
Format	Color
RYB	202, 228, 154
Decimal	14993306
CIELab	81.66, 3.76, 26.32
CIELCh	82, 26.587, 81.873
Yxy	59.6739, 0.3712, 0.3802
Android (android.graphics.Color)	4293183386 (0xFFE4C79A)
YUV	202.5410, -23.9307, 22.3275
Hunter-Lab	77.2489, -0.5840, 24.1257

Details

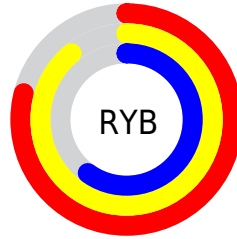
The XYZ color **58.2511, 59.6739, 39.0199** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.2632, 46.3372, 80.0101**, and the grayscale version is **56.6095, 59.5576, 64.8582**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **29.5868, 30.0007, 17.0633** is the 20% darker color. If you saturate the color by 10%, you get **54.5345, 54.9963, 29.2856**, and if you desaturate by 10%, it is **62.4522, 64.7426, 50.6965**.

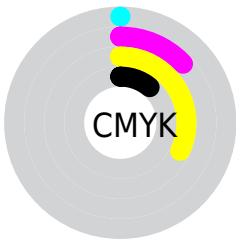
Distribution



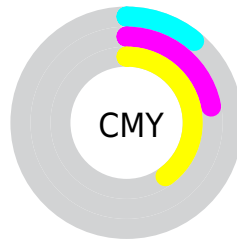
- Red (89%)
- Green (78%)
- Blue (60%)



- Red (79%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2511, 59.6739, 39.0199 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 58.2511, 59.6739, 39.0199 by changing the saturation by 10% instead.


 58.2511, 59.6739,
39.0199


 58.2511, 59.6739,
39.0199

408.0597,
423.3947, 357.4036

 42.2546, 43.1558,
26.4673


 101.4093,
104.3565, 74.8894

 29.4927, 30.0074,
16.9446

 129.3017,
133.2898, 99.0433

 19.6000, 19.8442,
10.0335


161.8901,
167.1303, 127.9014

 12.2112, 12.2819,
5.3153

199.5399,
206.2624, 161.8823

 6.9609, 6.9359,
2.3714

242.6164,
251.0705, 201.4044

 3.4838, 3.4221,
0.7708

291.4849,

 1.4145, 1.3558,

301.9390, 246.8862

0.0000

346.5109,
359.2523, 298.7465

■ 0.2665, 0.1838,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2511, 59.6739,
39.0199

■ 58.2511, 59.6739,
39.0199

■ 54.5345, 54.9963,
29.2856

■ 62.4522, 64.7426,
50.6965

■ 51.2752, 50.6893,
21.3812

■ 67.1540, 70.2058,
64.4116

■ 48.4502, 46.7425,
15.1888

■ 72.3776, 76.0772,
80.2596

■ 46.0320, 43.1414,
10.5746

■ 78.1413, 82.3670,
98.3278

■ 43.9894, 39.8700,
7.3848

■ 82.2977, 88.2194,
107.2982

■ 42.2850, 36.9095,
5.4342

■ 85.0466, 93.7172,
108.2145

■ 41.1790, 34.8620,
4.5587

■ 85.8050, 95.2340,
108.4673

Harmonies

Analogous

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



63.6156, 59.6739, 43.6458



58.2511, 59.6739, 39.0199



52.8079, 59.6739, 40.3929

Triad

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



58.2511, 59.6739, 39.0199



47.3181, 59.6739, 77.1292



65.5993, 59.6739, 85.8903

Complementary

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



58.2511, 59.6739, 39.0199



44.2632, 46.3372, 80.0101

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.



60.8170, 59.6739, 97.9274



58.2511, 59.6739, 39.0199



50.3384, 59.6739, 92.3185

Square

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



58.2511, 59.6739, 39.0199



46.7305, 59.6739, 60.7201



55.2125, 59.6739, 100.4552



68.0364, 59.6739, 69.4236

Rectangle

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



58.2511, 59.6739, 39.0199



49.8430, 59.6739, 44.6453



55.2125, 59.6739, 100.4552



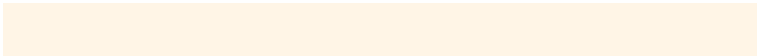
64.1984, 59.6739, 90.6935

Sweetspot

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



58.2526, 59.6766, 39.0211



88.1077, 92.2550, 87.6585



52.1609, 43.0498, 50.6888



18.6617, 19.5226, 18.1724



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.



58.2526, 59.6766, 39.0211



71.7670, 72.7736, 41.5173



63.2737, 73.1296, 41.3532



15.1028, 15.8194, 15.1619



23.8967, 20.3676, 2.6718



1.8557, 1.6847, 0.2274

Inverse Universe

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



44.2632, 46.3372, 80.0101



51.0805, 53.0573, 102.1566



40.3386, 36.3321, 78.2858



14.0437, 14.8088, 18.2625



10.2727, 7.6074, 43.3101



0.8474, 0.7387, 3.2299

Previews

White Background



This preview shows how the XYZ color 58.2511, 59.6739, 39.0199 looks on a white background.

Color Contrast Check

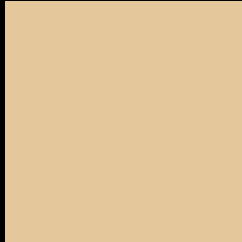
Large Text (above 18pt) WCAG AA × Fail

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 58.2511, 59.6739, 39.0199 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 58.2511, 59.6739, 39.0199

Background



This preview shows how black text looks on a background with the XYZ color 58.2511, 59.6739, 39.0199.



This preview shows how white text looks on a background with the XYZ color 58.2511, 59.6739,

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

58.2511, 59.6739, 39.0199

Protanopia

55.9720, 59.8639, 40.0573

Deuteranopia

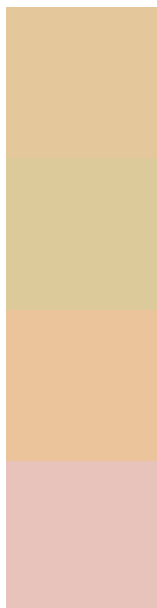
61.0281, 59.7475, 39.3262



Tritanopia

64.0438, 59.6967, 67.1786

Trichromacy



Original Color

58.2511, 59.6739, 39.0199

Protanomaly

56.8557, 59.9798, 39.5910

Deuteranomaly

59.9173, 59.5086, 39.3387

Tritanomaly

61.8709, 59.8169, 55.8618

Monochromacy



Original Color

58.2511, 59.6739, 39.0199

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0289, 59.7409, 54.4243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2511, 59.6739, 39.0199 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(228, 199, 154)` looks like.

```
.text, #text, p{  
    color:rgb(228, 199, 154)  
}
```

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(228, 199, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 199, 154) }
```

Border

The CSS property to change the border of an element to XYZ 58.2511, 59.6739, 39.0199 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(228, 199, 154) }
```


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

```
.border{ border-color:rgb(228, 199, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 199, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 199, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 199, 154); box-shadow:4px 4px 4px 4px rgb(228, 199, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2511, 59.6739, 39.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 199, 154) }
```

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

```
.background{ background-color: rgb(228,  
199, 154) }
```

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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