

Converting Colors

XYZ(59.8045, 63.7491, 39.7398)

Have a look what the booklet for
XYZ(59.8045, 63.7491, 39.7398)
contains.

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Color

**XYZ(59.7526, 63.6136,
39.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D09A
RGB	226, 208, 154
RGB Percent	89%, 82%, 60%
CMY	0.1137, 0.1843, 0.3961
CMYK	0.00, 0.08, 0.32, 0.11
HSL	45°, 55%, 75%
HSV	45°, 32%, 89%
XYZ	59.7526, 63.6136, 39.7012
YIQ	207.2260, 28.0620, -12.9780

Conversions

Conversions Part 2

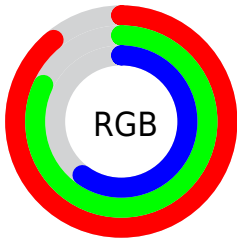
Format	Color
RYB	178, 226, 154
Decimal	14864538
CIELab	83.76, -1.69, 29.13
CIELCh	84, 29.174, 93.322
Yxy	63.6136, 0.3664, 0.3901
Android (android.graphics.Color)	4293054618 (0xFFE2D09A)
YUV	207.2260, -26.2404, 16.4648
Hunter-Lab	79.7581, -5.8494, 26.3179

Details

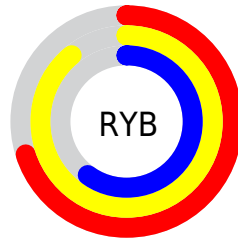
The XYZ color **59.7526, 63.6136, 39.7012** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8060, 41.8648, 77.8288**, and the grayscale version is **59.6065, 62.7106, 68.2919**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **30.5314, 32.6166, 17.2568** is the 20% darker color. If you saturate the color by 10%, you get **56.6926, 60.2274, 30.2529**, and if you desaturate by 10%, it is **63.2193, 67.2455, 51.0349**.

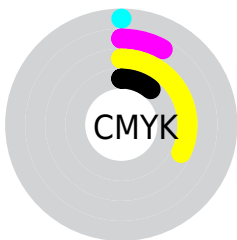
Distribution



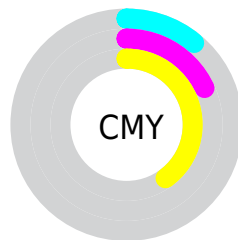
- Red (89%)
- Green (82%)
- Blue (60%)



- Red (70%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7526, 63.6136, 39.7012 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 59.7526, 63.6136, 39.7012 by changing the saturation by 10% instead.


 59.7526, 63.6136,
39.7012


 59.7526, 63.6136,
39.7012


413.5346,
437.7929, 360.3771

 43.4680, 46.3378,
26.9936


 103.5791,
110.0543, 75.9404

 30.4486, 32.5125,
17.3360


 131.8516,
139.9879, 100.3091

 20.3291, 21.7532,
10.3099

164.8509,
174.9096, 129.4020

 12.7441, 13.6757,
5.4966

202.9421,
215.2038, 163.6375

 7.3284, 7.8954,
2.4777

246.4908,
261.2548, 203.4342

 3.7164, 4.0281,
0.8283

295.8622,

 1.5430, 1.6893,

313.4471, 249.2107

0.0000

351.4217,
372.1650, 301.3855

■ 0.3548, 0.4167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7526, 63.6136,
39.7012

■ 59.7526, 63.6136,
39.7012

■ 56.6926, 60.2274,
30.2529

■ 63.2193, 67.2455,
51.0349

■ 54.0140, 57.0692,
22.5808

■ 67.1068, 71.1227,
64.3470

■ 51.6960, 54.1321,
16.5707

■ 71.4342, 75.2559,
79.7290

■ 49.7136, 51.4052,
12.0933

■ 76.2181, 79.6525,
97.2656

■ 48.0380, 48.8763,
9.0002

■ 79.4808, 83.5222,
106.5401

■ 46.6350, 46.5307,
7.1130

■ 81.1351, 86.8309,
107.0915

■ 45.6483, 44.7374,
6.2293

■ 82.8414, 90.2435,
107.6603

■ 84.6001, 93.7608,
108.2465

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



66.1581, 63.6136, 42.3042



59.7526, 63.6136, 39.7012



53.9514, 63.6136, 43.7913

Triad

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



59.7526, 63.6136, 39.7012



50.7518, 63.6136, 90.4850



72.1389, 63.6136, 86.3238

Complementary

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



59.7526, 63.6136, 39.7012



41.8060, 41.8648, 77.8288

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.



67.4781, 63.6136, 103.0851



59.7526, 63.6136, 39.7012



55.1042, 63.6136, 105.7699

Square

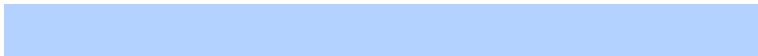
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.7526, 63.6136, 39.7012



48.9907, 63.6136, 71.3266



61.1786, 63.6136, 110.7428



73.5991, 63.6136, 67.2424

Rectangle

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



59.7526, 63.6136, 39.7012



51.1206, 63.6136, 50.2733



61.1786, 63.6136, 110.7428



70.8791, 63.6136, 92.5211

Sweetspot

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



59.7542, 63.6165, 39.7025



89.2133, 94.4661, 88.0270



50.3665, 42.2592, 44.5327



18.9300, 20.0591, 18.2618



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.



59.7542, 63.6165, 39.7025



75.9352, 80.7621, 43.9793



59.0418, 70.1358, 40.9984



14.5665, 15.4190, 14.5152



26.1412, 25.7202, 3.5867



1.8815, 1.9219, 0.2718

Inverse Universe

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



41.8060, 41.8648, 77.8288



48.9633, 48.0855, 101.3085



42.2970, 37.3736, 76.9360



13.2290, 13.7971, 17.3535



8.7313, 4.9321, 41.5402



0.6756, 0.4827, 2.9028

Previews

White Background



This preview shows how the XYZ color 59.7526, 63.6136, 39.7012 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 59.7526, 63.6136, 39.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

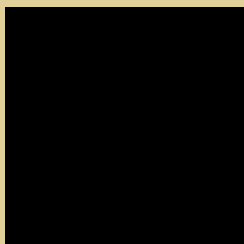
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

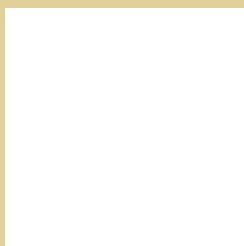
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7526, 63.6136, 39.7012

Background



This preview shows how black text looks on a background with the XYZ color 59.7526, 63.6136, 39.7012.



This preview shows how white text looks on a background with the XYZ color 59.7526, 63.6136,

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

59.7526, 63.6136, 39.7012

Protanopia

59.3737, 63.7813, 39.7535

Deuteranopia

64.6611, 63.3017, 40.2629



Tritanopia

66.6532, 63.5901, 73.7269

Trichromacy



Original Color

59.7526, 63.6136, 39.7012

Protanomaly

59.6845, 63.9416, 39.7681

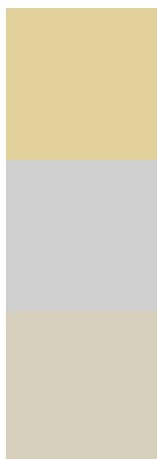
Deuteranomaly

62.8689, 63.4292, 39.9398

Tritanomaly

63.6147, 63.3851, 59.3338

Monochromacy



Original Color

59.7526, 63.6136, 39.7012

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1215, 62.5526, 56.5348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7526, 63.6136, 39.7012 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(226, 208, 154)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 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(226, 208, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 154) }
```

Border

The CSS property to change the border of an element to XYZ 59.7526, 63.6136, 39.7012 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(226, 208, 154) }
```


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

```
.border{ border-color:rgb(226, 208, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 208, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 208, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 208, 154); box-shadow:4px 4px 4px 4px rgb(226, 208, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7526, 63.6136, 39.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 154) }
```

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

```
.background{ background-color: rgb(226,  
208, 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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