

Converting Colors

XYZ(55.7397, 59.2641, 39.1887)

Have a look what the booklet for
XYZ(55.7397, 59.2641, 39.1887)
contains.

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Color

**XYZ(55.8667, 59.4796,
39.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	DACA9A
RGB	218, 202, 154
RGB Percent	85%, 79%, 60%
CMY	0.1451, 0.2078, 0.3961
CMYK	0.00, 0.07, 0.29, 0.15
HSL	45°, 46%, 73%
HSV	45°, 29%, 85%
XYZ	55.8667, 59.4796, 39.1081
YIQ	201.3120, 24.9440, -11.5360

Conversions

Conversions Part 2

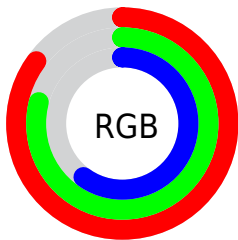
Format	Color
R _Y B	175, 218, 154
Decimal	14338714
CIE Lab	81.55, -1.66, 26.03
CIE LCh	82, 26.083, 93.649
Yxy	59.4796, 0.3617, 0.3851
Android (android.graphics.Color)	4292528794 (0xFFDACA9A)
YUV	201.3120, -23.3248, 14.6354
Hunter-Lab	77.1230, -5.6627, 23.9209

Details

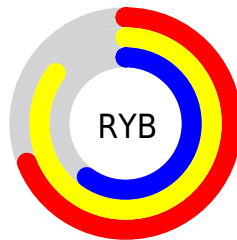
The XYZ color **55.8667, 59.4796, 39.1081** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3557, 40.6803, 72.0549**, and the grayscale version is **55.8416, 58.7497, 63.9785**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **27.9384, 29.8405, 17.1192** is the 20% darker color. If you saturate the color by 10%, you get **52.9581, 56.3087, 29.9798**, and if you desaturate by 10%, it is **59.1533, 62.8781, 49.9906**.

Distribution



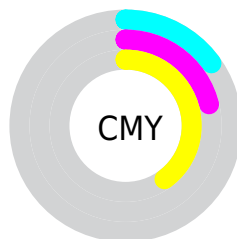
- Red (85%)
- Green (79%)
- Blue (60%)



- Red (69%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8667, 59.4796, 39.1081 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 55.8667, 59.4796, 39.1081 by changing the saturation by 10% instead.

■ 55.8667, 59.4796,
39.1081

■ 55.8667, 59.4796,
39.1081

399.2721,
422.6769, 357.7895

■ 40.3326, 42.9993,
26.5354

■ 97.9506, 104.0744,
75.0256

■ 27.9834, 29.8846,
16.9952

■ 125.2311,
132.9577, 99.2074

■ 18.4535, 19.7510,
10.0692

157.1579,
166.7441, 128.0960

■ 11.3777, 12.2142,
5.3386

194.0962,
205.8181, 162.1099

■ 6.3907, 6.8897,
2.3851

236.4114,
250.5639, 201.6677

■ 3.1270, 3.3932,
0.7783

284.4689,

■ 1.2213, 1.3403,

301.3661, 247.1879

0.0000

338.6340,
358.6090, 299.0890

■ 0.1230, 0.1721,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8667, 59.4796,
39.1081

■ 55.8667, 59.4796,
39.1081

■ 52.9581, 56.3087,
29.9798

■ 59.1533, 62.8781,
49.9906

■ 50.4045, 53.3492,
22.5077


■ 62.8303, 66.5036,
62.7106


■ 48.1875, 50.5951,
16.5898


■ 66.9151, 70.3659,
77.3508

■ 46.2849, 48.0367,
12.1116


■ 71.4225, 74.4716,
93.9874


 44.6713, 45.6632,
8.9422


 75.0512, 78.3009,
105.7657


 43.3170, 43.4617,
6.9272


 76.5847, 81.3678,
106.2769

 42.1729, 41.4121,
5.8108

 78.1659, 84.5302,
106.8039

 42.1027, 41.2839,
5.7495

 79.7953, 87.7890,
107.3471

 81.4732, 91.1449,
107.9064

Harmonies

Analogous

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



61.3330, 59.4796, 41.3424



55.8667, 59.4796, 39.1081



50.9023, 59.4796, 42.7803

Triad

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



55.8667, 59.4796, 39.1081



48.2203, 59.4796, 82.9336



66.4945, 59.4796, 79.0785

Complementary

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



55.8667, 59.4796, 39.1081



40.3557, 40.6803, 72.0549

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.



62.5656, 59.4796, 93.2216



55.8667, 59.4796, 39.1081



51.9913, 59.4796, 95.6875

Square

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



55.8667, 59.4796, 39.1081



46.6711, 59.4796, 66.6996



57.2057, 59.4796, 99.7251



67.6960, 59.4796, 62.8646

Rectangle

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



55.8667, 59.4796, 39.1081



48.4768, 59.4796, 48.4957



57.2057, 59.4796, 99.7251



65.4370, 59.4796, 84.3138

Sweetspot

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



55.8682, 59.4823, 39.1093



89.7700, 95.0039, 89.9874



47.7252, 40.9196, 43.4138



19.0415, 20.1675, 18.6525



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.



55.8682, 59.4823, 39.1093



77.1525, 82.1090, 47.7385



55.2616, 65.0327, 40.2126



13.8723, 14.6840, 13.8287



25.3133, 24.9121, 3.4744



1.7066, 1.7472, 0.2473

Inverse Universe

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



40.3557, 40.6803, 72.0549



51.7186, 51.2901, 101.7819



40.7887, 36.7200, 71.2676



12.6018, 13.1433, 16.5249



8.4578, 4.7850, 40.2162



0.6163, 0.4468, 2.6282

Previews

White Background



This preview shows how the XYZ color 55.8667, 59.4796, 39.1081 looks on a white background.

Color Contrast Check

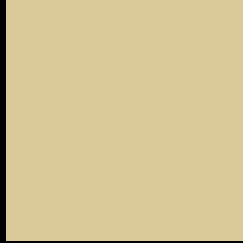
Large Text (above 18pt) WCAG AA × Fail

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 55.8667, 59.4796, 39.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

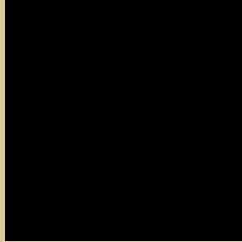
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8667, 59.4796, 39.1081

Background



This preview shows how black text looks on a background with the XYZ color 55.8667, 59.4796, 39.1081.

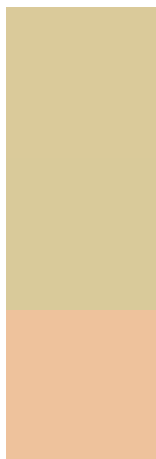


This preview shows how white text looks on a background with the XYZ color 55.8667, 59.4796,

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

55.8667, 59.4796, 39.1081

Protanopia

55.5685, 59.3259, 39.0941

Deuteranopia

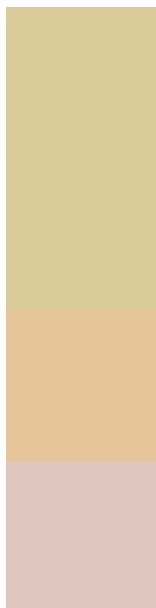
60.5524, 59.1610, 39.6802



Tritanopia

62.1993, 59.6909, 69.2160

Trichromacy



Original Color

55.8667, 59.4796, 39.1081

Protanomaly

55.5685, 59.3259, 39.0941

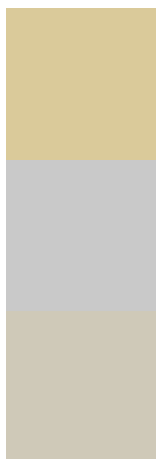
Deuteranomaly

58.8376, 59.2880, 39.3530

Tritanomaly

59.6125, 59.6355, 57.0841

Monochromacy



Original Color

55.8667, 59.4796, 39.1081

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2705, 58.4994, 53.7258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8667, 59.4796, 39.1081 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(218, 202, 154)` looks like.

```
.text, #text, p{  
    color:rgb(218, 202, 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(218, 202, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 202, 154) }
```

Border

The CSS property to change the border of an element to XYZ 55.8667, 59.4796, 39.1081 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(218, 202, 154) }
```


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

```
.border{ border-color:rgb(218, 202, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 202, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 202, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 202, 154);  
box-shadow:4px 4px 4px 4px rgb(218, 202,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8667, 59.4796, 39.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 202, 154) }
```

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

```
.background{ background-color: rgb(218,  
202, 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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