

Converting Colors

XYZ(55.8633, 55.4300, 39.6530)

Have a look what the booklet for
XYZ(55.8633, 55.4300, 39.6530)
contains.

XYZ(55.8633, 55.4300, 39.6530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.8633, 55.4300,
39.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BE9D
RGB	226, 190, 157
RGB Percent	89%, 75%, 62%
CMY	0.1137, 0.2549, 0.3843
CMYK	0.00, 0.16, 0.31, 0.11
HSL	29°, 54%, 75%
HSV	29°, 31%, 89%
XYZ	55.8633, 55.4300, 39.6530
YIQ	197.0020, 32.0490, -2.6310

Conversions

Conversions Part 2

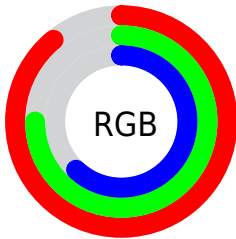
Format	Color
R _Y B	226, 220, 157
Decimal	14859933
CIE Lab	79.29, 8.10, 21.47
CIE LCh	79, 22.943, 69.327
Yxy	55.4300, 0.3701, 0.3672
Android (android.graphics.Color)	4293050013 (0xFFE2BE9D)
YUV	197.0020, -19.7210, 25.4312
Hunter-Lab	74.4513, 3.6447, 20.5379

Details

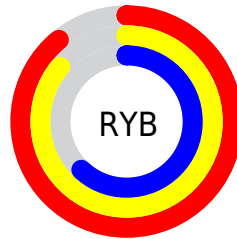
The XYZ color **55.8633, 55.4300, 39.6530** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.7015, 50.7974, 79.2951**, and the grayscale version is **53.1751, 55.9444, 60.9234**.

A 20% lighter version of the original color is **86.0794, 91.9250, 75.4938**, and **28.1247, 27.4780, 17.4571** is the 20% darker color. If you saturate the color by 10%, you get **51.6587, 49.8281, 29.5964**, and if you desaturate by 10%, it is **60.6343, 61.5930, 51.6604**.

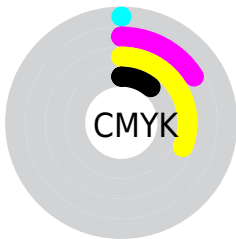
Distribution



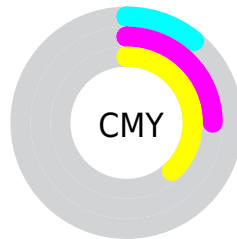
- Red (89%)
- Green (75%)
- Blue (62%)



- Red (89%)
- Yellow (86%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8633, 55.4300, 39.6530 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 55.8633, 55.4300, 39.6530 by changing the saturation by 10% instead.


 55.8633, 55.4300,
39.6530


 55.8633, 55.4300,
39.6530

399.2595,
407.5398, 360.1674

 40.3299, 39.7461,
26.9564


 97.9456, 98.1707,
75.8661

 27.9812, 27.3406,
17.3083


 125.2253,
125.9963, 100.2197

 18.4519, 17.8292,
10.2903


157.1511,
158.6379, 129.2960

 11.3765, 10.8274,
5.4837

194.0884,
196.4799, 163.5136

 6.3899, 5.9509,
2.4701

236.4025,
239.9067, 203.2909

 3.1265, 2.8153,
0.8243

284.4588,

 1.2210, 1.0361,

289.3027, 249.0467

0.0000

338.6227,
345.0523, 301.1993

■ 0.1228, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8633, 55.4300,
39.6530

■ 55.8633, 55.4300,
39.6530

■ 51.6587, 49.8281,
29.5964

■ 60.6343, 61.5930,
51.6604

■ 47.9915, 44.7619,
21.3818

■ 65.9904, 68.3261,
65.7125

■ 44.8367, 40.2153,
14.8948

■ 71.9543, 75.6476,
81.9014

■ 42.1648, 36.1682,
10.0066

■ 78.5466, 83.5728,
100.3123

■ 39.9427, 32.5986,
6.5700

■ 83.2757, 91.1120,
107.8050

■ 38.1319, 29.4818,
4.4099

■ 85.1741, 94.9088,
108.4378

■ 36.7375, 26.9156,
3.2590

Harmonies

Analogous

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



59.8134, 55.4300, 45.7057



55.8633, 55.4300, 39.6530



51.2665, 55.4300, 38.6832

Triad

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



55.8633, 55.4300, 39.6530



44.4438, 55.4300, 64.5453



58.4803, 55.4300, 82.1020

Complementary

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



55.8633, 55.4300, 39.6530



46.7015, 50.7974, 79.2951

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.



54.1285, 55.4300, 88.9012



55.8633, 55.4300, 39.6530



46.1459, 55.4300, 77.8384

Square

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



55.8633, 55.4300, 39.6530



44.8483, 55.4300, 51.8602



49.6287, 55.4300, 87.2367



61.3842, 55.4300, 69.7277

Rectangle

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



55.8633, 55.4300, 39.6530



48.4774, 55.4300, 40.8842



49.6287, 55.4300, 87.2367



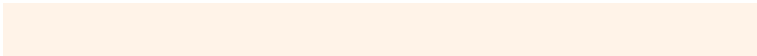
57.1283, 55.4300, 85.1915

Sweetspot

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



55.8647, 55.4326, 39.6541



87.8715, 91.2068, 89.3545



53.1366, 44.1693, 56.6467



18.5731, 19.2306, 18.4963



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.



55.8647, 55.4326, 39.6541



69.6607, 67.8579, 42.9830



64.0252, 71.7535, 42.3743



14.2454, 14.7768, 14.4082



21.0761, 15.5902, 1.8984



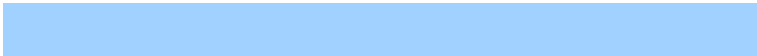
1.5501, 1.2591, 0.1613

Inverse Universe

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



46.7015, 50.7974, 79.2951



55.6919, 60.7895, 103.4060



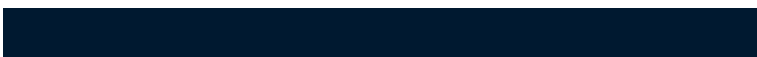
40.0825, 37.5593, 77.0888



13.5407, 14.4205, 17.4574



11.6403, 10.7502, 42.5098



0.8964, 0.9242, 2.9764

Previews

White Background



This preview shows how the XYZ color 55.8633, 55.4300, 39.6530 looks on a white background.

Color Contrast Check

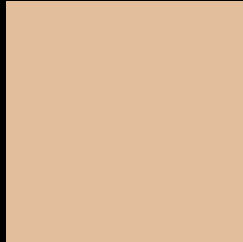
Large Text (above 18pt) WCAG AA × Fail

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 55.8633, 55.4300, 39.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

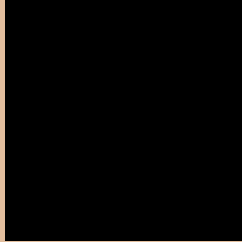
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8633, 55.4300, 39.6530

Background



This preview shows how black text looks on a background with the XYZ color 55.8633, 55.4300, 39.6530.



This preview shows how white text looks on a background with the XYZ color 55.8633, 55.4300,

39.6530.

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

55.8633, 55.4300, 39.6530

Protanopia

52.0975, 55.4278, 41.2105

Deuteranopia

56.5965, 55.4875, 39.6255



Tritanopia

60.4043, 55.3934, 61.5412

Trichromacy



Original Color

55.8633, 55.4300, 39.6530

Protanomaly

53.5741, 55.5338, 40.6963

Deuteranomaly

56.2783, 55.3235, 39.6106

Tritanomaly

58.5237, 55.2365, 52.9246

Monochromacy



Original Color

55.8633, 55.4300, 39.6530

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7477, 55.3709, 52.1108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8633, 55.4300, 39.6530 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, 190, 157)` looks like.

```
.text, #text, p{  
    color:rgb(226, 190, 157)  
}
```

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, 190, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 190, 157) }
```

Border

The CSS property to change the border of an element to XYZ 55.8633, 55.4300, 39.6530 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, 190, 157) }
```


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

```
.border{ border-color:rgb(226, 190, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 190, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 190, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 190, 157); box-shadow:4px 4px 4px 4px rgb(226, 190, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8633, 55.4300, 39.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 190, 157) }
```

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

```
.background{ background-color: rgb(226,  
190, 157) }
```

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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