

Converting Colors

XYZ(55.3485, 59.6696, 39.7563)

Have a look what the booklet for
XYZ(55.3485, 59.6696, 39.7563)
contains.

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Color

**XYZ(55.2967, 59.5255,
39.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CB9B
RGB	215, 203, 155
RGB Percent	84%, 80%, 61%
CMY	0.1569, 0.2039, 0.3921
CMYK	0.00, 0.06, 0.28, 0.16
HSL	48°, 43%, 73%
HSV	48°, 28%, 84%
XYZ	55.2967, 59.5255, 39.5855
YIQ	201.1160, 22.5600, -12.3840

Conversions

Conversions Part 2

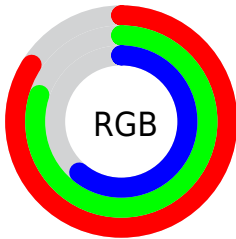
Format	Color
RYB	170, 215, 155
Decimal	14142363
CIELab	81.58, -3.20, 25.50
CIELCh	82, 25.697, 97.148
Yxy	59.5255, 0.3581, 0.3855
Android (android.graphics.Color)	4292332443 (0xFFD7CB9B)
YUV	201.1160, -22.7352, 12.1763
Hunter-Lab	77.1528, -7.0834, 23.5865

Details

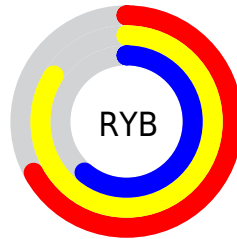
The XYZ color **55.2967, 59.5255, 39.5855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6019, 39.5114, 69.8295**, and the grayscale version is **55.7173, 58.6190, 63.8361**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **27.6928, 29.9477, 17.1529** is the 20% darker color. If you saturate the color by 10%, you get **52.6490, 56.8667, 30.5740**, and if you desaturate by 10%, it is **58.2972, 62.3746, 50.3021**.

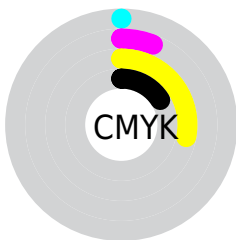
Distribution



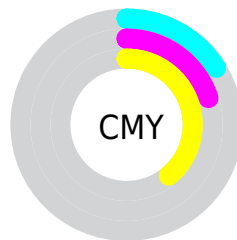
- Red (84%)
- Green (80%)
- Blue (61%)



- Red (67%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2967, 59.5255, 39.5855 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 55.2967, 59.5255, 39.5855 by changing the saturation by 10% instead.

■ 55.2967, 59.5255,
39.5855

■ 55.2967, 59.5255,
39.5855

397.1538,
422.8466, 359.8734

■ 39.8741, 43.0363,
26.9042

■ 97.1213, 104.1410,
75.7621

■ 27.6242, 29.9136,
17.2695

■ 124.2541,
133.0362, 100.0944

■ 18.1816, 19.7730,
10.2628

156.0209,
166.8354, 129.1475

■ 11.1809, 12.2302,
5.4657

192.7871,
205.9231, 163.3400

■ 6.2568, 6.9006,
2.4595

234.9182,
250.6836, 203.0902

■ 3.0440, 3.4000,
0.8186

282.7794,

■ 1.1771, 1.3440,

301.5015, 248.8168

0.0000

336.7362,
358.7610, 300.9384

■ 0.0882, 0.1749,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2967, 59.5255,
39.5855

■ 55.2967, 59.5255,
39.5855

■ 52.6490, 56.8667,
30.5740

■ 58.2972, 62.3746,
50.3021

■ 50.3321, 54.3828,
23.1739

■ 61.6619, 65.4127,
62.8033

■ 48.3287, 52.0687,
17.2883

■ 65.4072, 68.6488,
77.1681

■ 46.6180, 49.9155,
12.8081

■ 69.5473, 72.0889,
93.4697

■ 45.1763, 47.9135,
9.6099

■ 72.8639, 75.2460,
105.2913

■ 43.9757, 46.0512,
7.5484

■ 74.0372, 77.5926,
105.6824

■ 42.9768, 44.3124,
6.4173

■ 75.2399, 79.9980,
106.0833

■ 42.7802, 43.9587,
6.2301

■ 76.4723, 82.4628,
106.4941

■ 77.7345, 84.9872,
106.9149

Harmonies

Analogous

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



60.7008, 59.5255, 41.1168



55.2967, 59.5255, 39.5855



50.5433, 59.5255, 43.9058

Triad

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



55.2967, 59.5255, 39.5855



48.7075, 59.5255, 84.4524



66.6813, 59.5255, 77.0446

Complementary

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



55.2967, 59.5255, 39.5855



39.6019, 39.5114, 69.8295

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.



63.0732, 59.5255, 91.4846



55.2967, 59.5255, 39.5855



52.6447, 59.5255, 96.2136

Square

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



55.2967, 59.5255, 39.5855



46.8990, 59.5255, 68.5791



57.8773, 59.5255, 98.9728



67.5029, 59.5255, 61.1877

Rectangle

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



55.2967, 59.5255, 39.5855



48.3052, 59.5255, 50.0003



57.8773, 59.5255, 98.9728



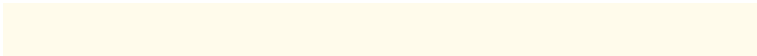
65.7435, 59.5255, 82.2959

Sweetspot

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



55.2982, 59.5282, 39.5867



90.6503, 96.1804, 92.0815



46.7213, 40.6805, 41.9496



19.2346, 20.4374, 19.0754



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.



55.2982, 59.5282, 39.5867



79.2024, 85.4465, 50.7716



53.2433, 62.8382, 40.3339



13.2521, 14.0785, 13.1797



25.6641, 26.4454, 3.7518



1.6028, 1.7047, 0.2446

Inverse Universe

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



39.6019, 39.5114, 69.8295



52.7255, 51.6882, 101.8056



41.2214, 37.2340, 69.3046



11.9417, 12.4067, 15.7029



7.9129, 4.0876, 38.8251



0.5366, 0.3651, 2.3615

Previews

White Background



This preview shows how the XYZ color 55.2967, 59.5255, 39.5855 looks on a white background.

Color Contrast Check

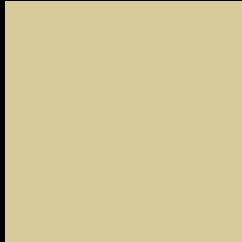
Large Text (above 18pt) WCAG AA × Fail

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 55.2967, 59.5255, 39.5855 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 55.2967, 59.5255, 39.5855

Background



This preview shows how black text looks on a background with the XYZ color 55.2967, 59.5255, 39.5855.



This preview shows how white text looks on a background with the XYZ color 55.2967, 59.5255,

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

55.2967, 59.5255, 39.5855

Protanopia

55.6522, 59.3593, 39.5347

Deuteranopia

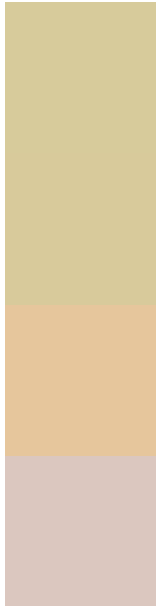
60.8608, 59.6417, 40.2026



Tritanopia

61.6220, 59.7126, 69.9059

Trichromacy



Original Color

55.2967, 59.5255, 39.5855

Protanomaly

55.3558, 59.2065, 39.5208

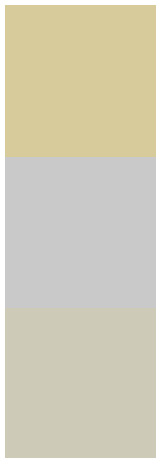
Deuteranomaly

58.8280, 59.6115, 39.8581

Tritanomaly

59.0408, 59.6685, 57.6956

Monochromacy



Original Color

55.2967, 59.5255, 39.5855

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2259, 58.8236, 53.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2967, 59.5255, 39.5855 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(215, 203, 155)` looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 155)  
}
```

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(215, 203, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 155) }
```

Border

The CSS property to change the border of an element to XYZ 55.2967, 59.5255, 39.5855 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(215, 203, 155) }
```


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

```
.border{ border-color:rgb(215, 203, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 203, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 155);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2967, 59.5255, 39.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 155) }
```

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

```
.background{ background-color: rgb(215,  
203, 155) }
```

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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