

Converting Colors

XYZ(39.5341, 44.6425, 37.9860)

Have a look what the booklet for
XYZ(39.5341, 44.6425, 37.9860)
contains.

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Color

**XYZ(39.5233, 44.5141,
37.9615)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB69C
RGB	171, 182, 156
RGB Percent	67%, 71%, 61%
CMY	0.3294, 0.2863, 0.3882
CMYK	0.06, 0.00, 0.14, 0.29
HSL	85°, 15%, 66%
HSV	85°, 14%, 71%
XYZ	39.5233, 44.5141, 37.9615
YIQ	175.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

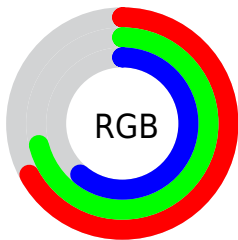
Format	Color
RYB	156, 182, 167
Decimal	11253404
CIELab	72.57, -8.57, 11.94
CIElCh	73, 14.701, 125.661
Yxy	44.5141, 0.3240, 0.3649
Android (android.graphics.Color)	4289443484 (0xFFABB69C)
YUV	175.7470, -9.7353, -4.1631
Hunter-Lab	66.7189, -11.0172, 12.9686

Details

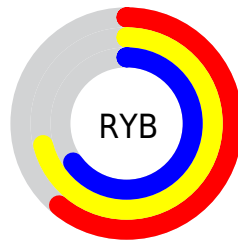
The XYZ color **39.5233, 44.5141, 37.9615** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.2700, 35.3710, 49.1739**, and the grayscale version is **41.1845, 43.3293, 47.1856**.

A 20% lighter version of the original color is **73.6964, 82.0210, 73.5754**, and **18.0078, 20.6424, 16.3999** is the 20% darker color. If you saturate the color by 10%, you get **36.4675, 43.1050, 30.3674**, and if you desaturate by 10%, it is **42.9103, 46.0698, 46.7785**.

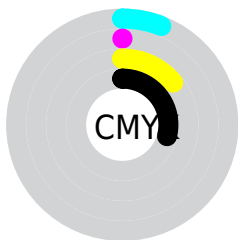
Distribution



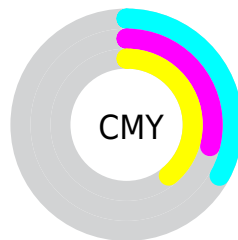
- Red (67%)
- Green (71%)
- Blue (61%)



- Red (61%)
- Yellow (71%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5233, 44.5141, 37.9615 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 39.5233, 44.5141, 37.9615 by changing the saturation by 10% instead.


 39.5233, 44.5141,
37.9615


 39.5233, 44.5141,
37.9615


335.2792,
364.8021, 352.7480

 27.3496, 31.0749,
25.6512


 73.7260, 81.9908,
73.2519

 17.9739, 20.6559,
16.3395


 96.4858, 106.7970,
97.0691

 11.0308, 12.8727,
9.6077


123.5049,
136.1611, 125.5590

 6.1550, 7.3409,
5.0375

155.1489,
170.4673, 159.1401

 2.9811, 3.6762,
2.2101

191.7829,
210.1001, 198.2311

 1.1438, 1.4941,
0.6802

233.7724,

 0.0613, 0.2846,

255.4439, 243.2503

0.0000

281.4827,
306.8831, 294.6165

■ 0.0000, 0.0000,
0.0000

■ 39.5233, 44.5141,
37.9615

■ 39.5233, 44.5141,
37.9615

■ 36.4675, 43.1050,
30.3674

■ 42.9103, 46.0698,
46.7785

■ 33.7273, 41.8319,
23.9392

■ 46.6360, 47.7711,
56.8660

■ 31.2914, 40.6913,
18.6200


■ 50.7123, 49.6243,
68.2729


■ 29.1459, 39.6776,
14.3465


■ 55.1493, 51.6336,
81.0444


■ 27.2759, 38.7846,
11.0495


■ 59.9568, 53.8030,
95.2236


 25.6648, 38.0055,
8.6512


 63.4569, 55.4617,
101.9684


 24.2938, 37.3325,
7.0620

 65.8030, 56.6712,
102.0782

 23.1402, 36.7563,
6.1737

 68.2574, 57.9365,
102.1930

 22.5530, 36.4601,
5.8488

 70.8214, 59.2583,
102.3130

Harmonies

Analogous

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



41.8290, 44.5141, 35.8303



39.5233, 44.5141, 37.9615



38.0104, 44.5141, 42.9251

Triad

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



39.5233, 44.5141, 37.9615



40.3267, 44.5141, 62.3737



47.3620, 44.5141, 47.1005

Complementary

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



39.5233, 44.5141, 37.9615



36.2700, 35.3710, 49.1739

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.



46.9207, 44.5141, 54.4693



39.5233, 44.5141, 37.9615



42.7933, 44.5141, 63.7752

Square

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



39.5233, 44.5141, 37.9615



38.4611, 44.5141, 57.0957



45.2233, 44.5141, 60.7542



46.4060, 44.5141, 40.7570

Rectangle

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



39.5233, 44.5141, 37.9615



37.6203, 44.5141, 47.4170



45.2233, 44.5141, 60.7542



47.3726, 44.5141, 49.5350

Sweetspot

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



39.5245, 44.5160, 37.9625



77.9333, 83.5846, 85.1804



39.0820, 39.9233, 37.0993



17.1060, 18.4123, 18.5294



88.6918, 93.3107, 101.6153



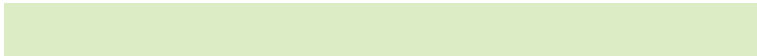
17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5245, 44.5160, 37.9625



69.9292, 79.9086, 64.4622



36.8634, 43.1442, 37.8379



9.3730, 10.3089, 9.6027



16.0031, 25.7862, 4.1338



0.6332, 0.9446, 0.1490

Inverse Universe

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



36.2700, 35.3710, 49.1739



62.9374, 60.2608, 88.5501



39.1172, 36.8388, 49.3072



8.8717, 8.9002, 11.3298



8.1975, 3.5372, 31.5038



0.3600, 0.1613, 1.1139

Previews

White Background



This preview shows how the XYZ color 39.5233, 44.5141, 37.9615 looks on a white background.

Color Contrast Check

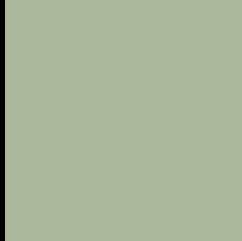
Large Text (above 18pt) WCAG AA × Fail

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 39.5233, 44.5141, 37.9615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

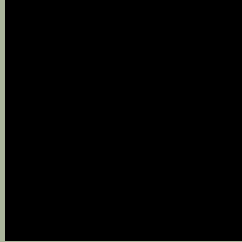
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

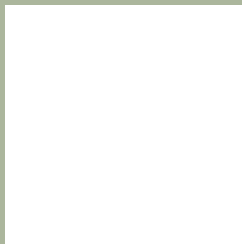
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5233, 44.5141, 37.9615

Background



This preview shows how black text looks on a background with the XYZ color 39.5233, 44.5141, 37.9615.



This preview shows how white text looks on a background with the XYZ color 39.5233, 44.5141,

37.9615.

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

39.5233, 44.5141, 37.9615

Protanopia

42.0484, 44.3422, 36.9146

Deuteranopia

45.0916, 44.1510, 38.4932



Tritanopia

43.0306, 44.4360, 55.5993

Trichromacy



Original Color

39.5233, 44.5141, 37.9615

Protanomaly

41.0925, 44.4305, 37.4205

Deuteranomaly

42.9016, 44.1706, 38.1629

Tritanomaly

41.6115, 44.4532, 48.5066

Monochromacy



Original Color

39.5233, 44.5141, 37.9615

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.5374, 43.7040, 43.8353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5233, 44.5141, 37.9615 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(171, 182, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 182, 156)  
}
```

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(171, 182, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 182, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.5233, 44.5141, 37.9615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

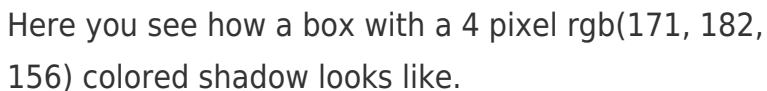
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 182, 156) }
```


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

```
.border{ border-color:rgb(171, 182, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 182, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 182,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5233, 44.5141, 37.9615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 182, 156) }
```

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

```
.background{ background-color: rgb(171,  
182, 156) }
```

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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