

Converting Colors

XYZ(43.3404, 50.9399, 39.2843)

Have a look what the booklet for
XYZ(43.3404, 50.9399, 39.2843)
contains.

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Color

**XYZ(43.2813, 50.9128,
39.4443)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC49D
RGB	174, 196, 157
RGB Percent	68%, 77%, 62%
CMY	0.3176, 0.2314, 0.3843
CMYK	0.11, 0.00, 0.20, 0.23
HSL	94°, 25%, 69%
HSV	94°, 20%, 77%
XYZ	43.2813, 50.9128, 39.4443
YIQ	184.9760, -0.5930, -16.7930

Conversions

Conversions Part 2

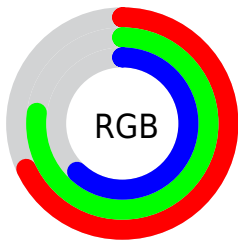
Format	Color
RYB	157, 196, 179
Decimal	11453597
CIELab	76.63, -14.58, 17.13
CIELCh	77, 22.492, 130.405
Yxy	50.9128, 0.3239, 0.3810
Android (android.graphics.Color)	4289643677 (0xFFAEC49D)
YUV	184.9760, -13.7922, -9.6260
Hunter-Lab	71.3532, -16.5939, 17.1715

Details

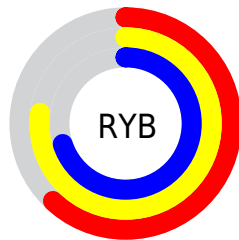
The XYZ color **43.2813, 50.9128, 39.4443** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6132, 37.6846, 57.3605**, and the grayscale version is **46.1764, 48.5812, 52.9049**.

A 20% lighter version of the original color is **79.6421, 91.8270, 75.8142**, and **20.1597, 24.4516, 17.2928** is the 20% darker color. If you saturate the color by 10%, you get **39.3778, 49.0801, 31.2161**, and if you desaturate by 10%, it is **47.6589, 52.9619, 49.0982**.

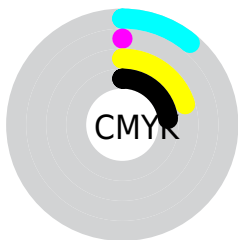
Distribution



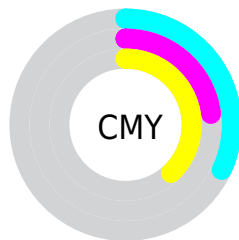
- Red (68%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)





- Cyan (32%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2813, 50.9128, 39.4443 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 43.2813, 50.9128, 39.4443 by changing the saturation by 10% instead.


 43.2813, 50.9128,
39.4443

 43.2813, 50.9128,
39.4443

350.6693,
390.2249, 359.2580

 30.3014, 36.1392,
26.7951


 79.3882, 91.5259,
75.5444

 20.2167, 24.5417,
17.1883


 103.2460,
118.1341, 99.8323

 12.6618, 15.7360,
10.2055


131.4603,
149.4561, 128.8368

 7.2715, 9.3375,
5.4280

164.3967,
185.8761, 162.9765

 3.6803, 4.9620,
2.4374

202.4204,
227.7786, 202.6700

 1.5229, 2.2250,
0.8067

245.8969,

 0.3413, 0.7336,

275.5480, 248.3357

0.0000

295.1914,
329.5686, 300.3922

■ 0.0000, 0.0000,
0.0000

■ 43.2813, 50.9128,
39.4443

■ 43.2813, 50.9128,
39.4443

■ 39.3778, 49.0801,
31.2161

■ 47.6589, 52.9619,
49.0982

■ 35.9266, 47.4495,
24.3427

■ 52.5230, 55.2280,
60.2374

■ 32.9103, 46.0151,
18.7522

■ 57.8909, 57.7200,
72.9222

■ 30.3084, 44.7682,
14.3647

■ 63.7774, 60.4445,
87.2088

■ 28.0987, 43.6993,
11.0915

■ 70.1963, 63.4075,
103.1469

■ 26.2563, 42.7976,
8.8312

■ 73.8439, 65.2878,
103.3176

■ 24.7524, 42.0510,
7.4645

■ 77.7204, 67.2862,
103.4990

■ 23.5375, 41.4389,
6.7637

■ 79.0309, 67.9618,
103.5603

■ 23.5262, 41.4332,
6.7575

Harmonies

Analogous

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



46.9291, 50.9128, 35.4423



43.2813, 50.9128, 39.4443



41.0881, 50.9128, 47.9454

Triad

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



43.2813, 50.9128, 39.4443



45.6998, 50.9128, 80.5579



56.8888, 50.9128, 51.3121

Complementary

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



43.2813, 50.9128, 39.4443



40.6132, 37.6846, 57.3605

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.



56.5118, 50.9128, 63.6674



43.2813, 50.9128, 39.4443



49.8832, 50.9128, 81.8106

Square

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



43.2813, 50.9128, 39.4443



42.4268, 50.9128, 72.0451



53.8880, 50.9128, 75.2520



54.8897, 50.9128, 41.5974

Rectangle

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



43.2813, 50.9128, 39.4443



40.6651, 50.9128, 55.6010



53.8880, 50.9128, 75.2520



57.0385, 50.9128, 55.2701

Sweetspot

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



43.2826, 50.9150, 39.4454



89.5791, 97.4530, 96.2936



44.8628, 46.1922, 38.4505



19.0504, 20.8015, 20.3303



0.0000, 0.0000, 0.0000



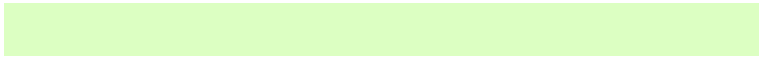
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2826, 50.9150, 39.4454



75.1340, 90.6958, 64.4673



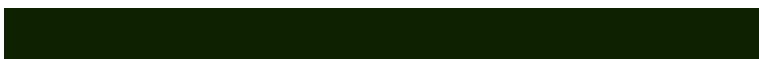
39.8997, 49.1516, 40.1633



10.3516, 11.4687, 10.7300



15.2109, 26.6704, 4.3462



0.7362, 1.1930, 0.1915

Inverse Universe

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



40.6132, 37.6846, 57.3605



69.3958, 62.2620, 102.9680



44.5671, 39.7484, 56.3942



10.0598, 10.0220, 12.6891



10.6803, 4.7663, 33.9137



0.5394, 0.2461, 1.4690

Previews

White Background



This preview shows how the XYZ color 43.2813, 50.9128, 39.4443 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 43.2813, 50.9128, 39.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

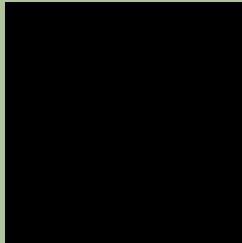
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2813, 50.9128, 39.4443

Background



This preview shows how black text looks on a background with the XYZ color 43.2813, 50.9128, 39.4443.



This preview shows how white text looks on a background with the XYZ color 43.2813, 50.9128,

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

43.2813, 50.9128, 39.4443

Protanopia

47.5524, 50.5457, 37.3870

Deuteranopia

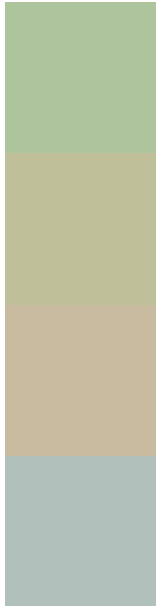
51.6884, 50.7457, 40.3283



Tritanopia

48.2731, 50.6267, 64.9853

Trichromacy



Original Color

43.2813, 50.9128, 39.4443

Protanomaly

45.9494, 50.6711, 37.9306

Deuteranomaly

48.1157, 50.4614, 40.0049

Tritanomaly

46.2868, 50.7951, 54.9418

Monochromacy



Original Color

43.2813, 50.9128, 39.4443

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.9915, 49.3141, 47.7047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2813, 50.9128, 39.4443 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(174, 196, 157)` looks like.

```
.text, #text, p{  
    color:rgb(174, 196, 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(174, 196, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 196, 157) }
```

Border

The CSS property to change the border of an element to XYZ 43.2813, 50.9128, 39.4443 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(174, 196, 157) }
```


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

```
.border{ border-color:rgb(174, 196, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 196, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 196, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 196, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 196,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2813, 50.9128, 39.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 196, 157) }
```

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

```
.background{ background-color: rgb(174,  
196, 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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