

Converting Colors

XYZ(39.2987, 44.3766, 25.8710)

Have a look what the booklet for
XYZ(39.2987, 44.3766, 25.8710)
contains.

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Color

**XYZ(39.2816, 44.3522,
25.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B57D
RGB	181, 181, 125
RGB Percent	71%, 71%, 49%
CMY	0.2902, 0.2902, 0.5098
CMYK	0.00, 0.00, 0.31, 0.29
HSL	60°, 27%, 60%
HSV	60°, 31%, 71%
XYZ	39.2816, 44.3522, 25.8925
YIQ	174.6160, 17.9760, -17.4160

Conversions

Conversions Part 2

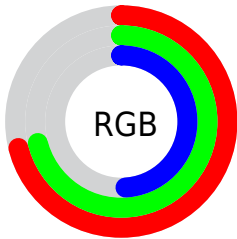
Format	Color
RYB	125, 181, 125
Decimal	11908477
CIELab	72.46, -8.87, 28.61
CIELCh	72, 29.957, 107.222
Yxy	44.3522, 0.3586, 0.4049
Android (android.graphics.Color)	4290098557 (0xFFB5B57D)
YUV	174.6160, -24.4607, 5.5988
Hunter-Lab	66.5974, -11.2597, 23.5668

Details

The XYZ color **39.2816, 44.3522, 25.8925** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.1332, 22.3645, 46.7635**, and the grayscale version is **40.6659, 42.7837, 46.5914**.

A 20% lighter version of the original color is **73.5800, 81.9599, 54.0612**, and **17.7416, 20.4584, 9.6704** is the 20% darker color. If you saturate the color by 10%, you get **38.2292, 43.9328, 20.3477**, and if you desaturate by 10%, it is **40.5470, 44.8599, 32.5490**.

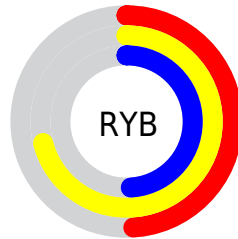
Distribution



Red (71%)

Green (71%)

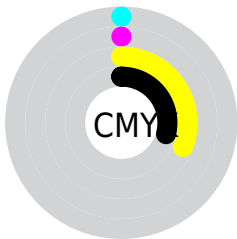
Blue (49%)



Red (49%)

Yellow (71%)

Blue (49%)

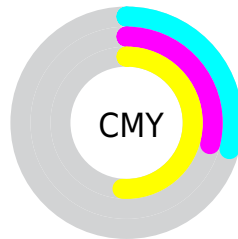


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2816, 44.3522, 25.8925 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 39.2816, 44.3522, 25.8925 by changing the saturation by 10% instead.

■ 39.2816, 44.3522,
25.8925

■ 39.2816, 44.3522,
25.8925

334.2728,
364.1436, 295.8426

■ 27.1606, 30.9475,
16.5182

■ 73.3596, 81.7475,
54.0834

■ 17.8311, 20.5589,
9.7333

■ 96.0473, 106.5068,
73.7371

■ 10.9277, 12.8019,
5.1192

■ 122.9880,
135.8198, 97.6544

■ 6.0852, 7.2923,
2.2574

154.5470,
170.0709, 126.2537

■ 2.9381, 3.6456,
0.7072

191.0896,
209.6444, 159.9536

■ 1.1211, 1.4773,
0.0000

232.9812,

■ 0.0427, 0.2727,

254.9247, 199.1728

0.0000

280.5871,
306.2963, 244.3296

■ 0.0000, 0.0000,
0.0000

■ 39.2816, 44.3522,
25.8925

■ 39.2816, 44.3522,
25.8925

■ 38.2292, 43.9328,
20.3477

■ 40.5470, 44.8599,
32.5490

■ 37.3750, 43.5910,
15.8514

■ 42.0326, 45.4542,
40.3702

■ 36.7076, 43.3240,
12.3386

■ 43.7494, 46.1410,
49.4091

■ 36.2129, 43.1261,
9.7357

■ 45.7068, 46.9240,
59.7144

■ 35.8751, 42.9910,
7.9587

■ 47.9134, 47.8067,
71.3325

■ 35.6753, 42.9110,
6.9083

■ 50.3776, 48.7924,
84.3072

■ 35.5784, 42.8722,
6.4000

■ 53.1074, 49.8844,
98.6803

■ 53.6338, 50.0950,
101.4502

■ 53.6342, 50.0952,
101.4502

Harmonies

Analogous

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



44.3914, 44.3522, 25.5174



39.2816, 44.3522, 25.8925



35.2751, 44.3522, 31.4295

Triad

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



39.2816, 44.3522, 25.8925



35.7611, 44.3522, 72.3338



52.6066, 44.3522, 54.8631

Complementary

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



39.2816, 44.3522, 25.8925



24.1332, 22.3645, 46.7635

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.



49.8769, 44.3522, 70.3105



39.2816, 44.3522, 25.8925



39.9958, 44.3522, 81.6978

Square

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



39.2816, 44.3522, 25.8925



33.3594, 44.3522, 57.2163



45.1661, 44.3522, 80.8897



52.3758, 44.3522, 40.3475

Rectangle

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



39.2816, 44.3522, 25.8925



33.6421, 44.3522, 38.0916



45.1661, 44.3522, 80.8897



51.9960, 44.3522, 60.1680

Sweetspot

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



39.2827, 44.3542, 25.8934



75.7944, 81.6105, 75.0323



30.0928, 25.9727, 22.8298



16.2916, 17.6028, 15.7417



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.2827, 44.3542, 25.8934



69.0498, 78.9125, 39.5255



33.3641, 41.3031, 25.6164



9.1970, 9.9066, 9.0800



24.5257, 29.5535, 4.4118



0.7717, 0.9299, 0.1388

Inverse Universe

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



24.1332, 22.3645, 46.7635



37.6735, 33.3693, 82.7499



28.8123, 24.7767, 46.9825



8.0420, 8.2302, 10.6711



5.7499, 2.3000, 30.2779



0.1809, 0.0724, 0.9527

Previews

White Background



This preview shows how the XYZ color 39.2816, 44.3522, 25.8925 looks on a white background.

Color Contrast Check

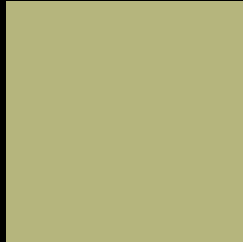
Large Text (above 18pt) WCAG AA × Fail

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 39.2816, 44.3522, 25.8925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

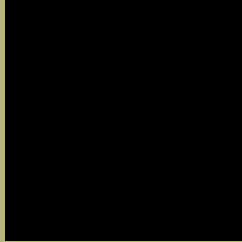
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2816, 44.3522, 25.8925

Background



This preview shows how black text looks on a background with the XYZ color 39.2816, 44.3522, 25.8925.



This preview shows how white text looks on a background with the XYZ color 39.2816, 44.3522,

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

39.2816, 44.3522, 25.8925

Protanopia

41.2967, 44.5025, 25.4821

Deuteranopia

45.0695, 44.1306, 26.2213



Tritanopia

44.8995, 44.2938, 53.1968

Trichromacy



Original Color

39.2816, 44.3522, 25.8925

Protanomaly

40.4972, 44.3868, 25.5019

Deuteranomaly

42.7214, 44.0578, 25.9910

Tritanomaly

42.4759, 44.1701, 41.4089

Monochromacy



Original Color

39.2816, 44.3522, 25.8925

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.9394, 43.2257, 38.1367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2816, 44.3522, 25.8925 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(181, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 125)  
}
```

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(181, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 125) }
```

Border

The CSS property to change the border of an element to XYZ 39.2816, 44.3522, 25.8925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

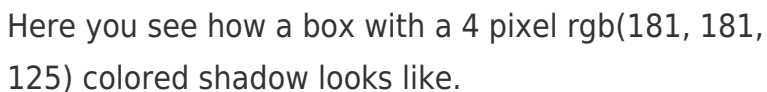
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 181, 125) }
```


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

```
.border{ border-color:rgb(181, 181, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 181, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 181, 125); box-shadow:4px 4px 4px 4px rgb(181, 181, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2816, 44.3522, 25.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 125) }
```

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

```
.background{ background-color: rgb(181,  
181, 125) }
```

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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