

Converting Colors

XYZ(35.8984, 39.8987, 31.5356)

Have a look what the booklet for
XYZ(35.8984, 39.8987, 31.5356)
contains.

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Color

**XYZ(35.7835, 39.7829,
31.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AC8E
RGB	168, 172, 142
RGB Percent	66%, 67%, 56%
CMY	0.3412, 0.3255, 0.4431
CMYK	0.02, 0.00, 0.17, 0.33
HSL	68°, 15%, 62%
HSV	68°, 17%, 67%
XYZ	35.7835, 39.7829, 31.3841
YIQ	167.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

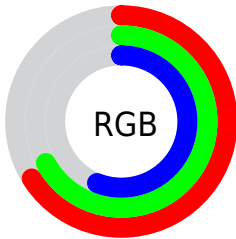
Format	Color
R_{YB}	142, 172, 146
Decimal	11054222
CIE _{Lab}	69.31, -6.70, 14.98
CIE _{LCh}	69, 16.410, 114.092
Yxy	39.7829, 0.3346, 0.3720
Android (android.graphics.Color)	4289244302 (0xFFA8AC8E)
YUV	167.3840, -12.5143, 0.5402
Hunter-Lab	63.0737, -9.1108, 14.6502

Details

The XYZ color **35.7835, 39.7829, 31.3841** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.9750, 28.4367, 42.9936**, and the grayscale version is **36.9755, 38.9011, 42.3633**.

A 20% lighter version of the original color is **67.8643, 74.6117, 63.0492**, and **15.8507, 17.9187, 12.7484** is the 20% darker color. If you saturate the color by 10%, you get **34.1065, 39.0575, 25.0767**, and if you desaturate by 10%, it is **37.6705, 40.5960, 38.7432**.

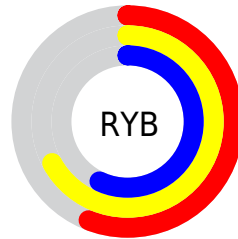
Distribution



Red (66%)

Green (67%)

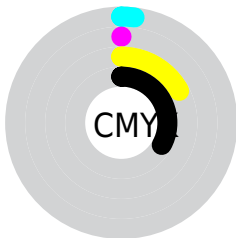
Blue (56%)



Red (56%)

Yellow (67%)

Blue (57%)

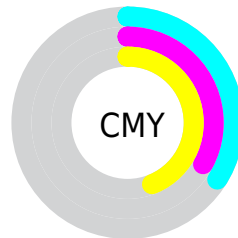


Cyan (2%)

Magenta (0%)

Yellow (17%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7835, 39.7829, 31.3841 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 35.7835, 39.7829, 31.3841 by changing the saturation by 10% instead.

■ 35.7835, 39.7829,
31.3841

■ 35.7835, 39.7829,
31.3841

319.4610,
345.2077, 322.7098

■ 24.4364, 27.3693,
20.6306

■ 68.0238, 74.8328,
62.9309

■ 15.7841, 17.8508,
12.6656

■ 89.6477, 98.2379,
84.5614

■ 9.4614, 10.8429,
7.0707

■ 115.4280,
126.0757, 110.6545

■ 5.1028, 5.9613,
3.4272

145.7298,
158.7304, 141.6289

■ 2.3431, 2.8216,
1.3167

180.9187,
196.5866, 177.9031

■ 0.8166, 1.0393,
0.0754

221.3600,

■ 0.0000, 0.0000,

240.0286, 219.8956

0.0000

267.4190,
289.4409, 268.0250

■ 35.7835, 39.7829,
31.3841

■ 35.7835, 39.7829,
31.3841

■ 34.1065, 39.0575,
25.0767

■ 37.6705, 40.5960,
38.7432

■ 32.6273, 38.4108,
19.7706

■ 39.7730, 41.4949,
47.1964

■ 31.3370, 37.8407,
15.4148

■ 42.1001, 42.4847,
56.7869

■ 30.2249, 37.3429,
11.9530

■ 44.6595, 43.5685,
67.5545

■ 29.2792, 36.9126,
9.3230

■ 47.4583, 44.7490,
79.5376

■ 28.4863, 36.5444,
7.4544

■ 50.5036, 46.0291,
92.7724

■ 27.8309, 36.2321,
6.2656

■ 52.5867, 46.9254,
100.8936

■ 27.2887, 35.9661,
5.6302

■ 53.1413, 47.2113,
100.9196

■ 27.1572, 35.9011,
5.4983

■ 53.7049, 47.5018,
100.9460

Harmonies

Analogous

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



38.3359, 39.7829, 30.4372



35.7835, 39.7829, 31.3841



33.8587, 39.7829, 35.3583

Triad

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



35.7835, 39.7829, 31.3841



34.9206, 39.7829, 56.1523



43.0746, 39.7829, 44.8264

Complementary

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



35.7835, 39.7829, 31.3841



28.9750, 28.4367, 42.9936

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.



42.0626, 39.7829, 52.3881



35.7835, 39.7829, 31.3841



37.2938, 39.7829, 59.3970

Square

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



35.7835, 39.7829, 31.3841



33.3769, 39.7829, 49.5083



39.9167, 39.7829, 57.9454



42.6245, 39.7829, 37.6643

Rectangle

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



35.7835, 39.7829, 31.3841



33.1501, 39.7829, 39.4633



39.9167, 39.7829, 57.9454



42.8927, 39.7829, 47.4134

Sweetspot

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



35.7846, 39.7847, 31.3850



69.1979, 74.0124, 73.7093



32.1760, 31.2825, 29.9341



14.9838, 16.0612, 15.8015



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.7846, 39.7847, 31.3850



63.6735, 71.6346, 52.2103



32.7733, 38.2323, 31.2440



8.5560, 9.2752, 8.5527



20.2417, 26.7320, 4.0930



0.5916, 0.7584, 0.1152

Inverse Universe

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



28.9750, 28.4367, 42.9936



48.9485, 47.0936, 77.3159



31.8187, 29.9026, 43.1267



7.6746, 7.8066, 10.0550



5.8314, 2.3661, 29.1939



0.1925, 0.0814, 0.8136

Previews

White Background



This preview shows how the XYZ color 35.7835, 39.7829, 31.3841 looks on a white background.

Color Contrast Check

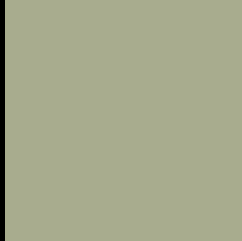
Large Text (above 18pt) WCAG AA × Fail

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 35.7835, 39.7829, 31.3841 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

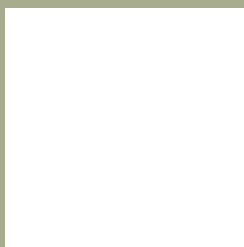
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7835, 39.7829, 31.3841

Background



This preview shows how black text looks on a background with the XYZ color 35.7835, 39.7829, 31.3841.



This preview shows how white text looks on a background with the XYZ color 35.7835, 39.7829,

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

35.7835, 39.7829, 31.3841

Protanopia

37.5120, 39.8531, 30.5263

Deuteranopia

40.3794, 39.6773, 31.9158



Tritanopia

39.2905, 39.8170, 48.7946

Trichromacy



Original Color

35.7835, 39.7829, 31.3841

Protanomaly

36.8616, 39.7865, 30.9360

Deuteranomaly

38.6017, 39.5699, 31.5898

Tritanomaly

37.8655, 39.7870, 41.7603

Monochromacy



Original Color

35.7835, 39.7829, 31.3841

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2959, 39.0600, 37.9741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7835, 39.7829, 31.3841 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(168, 172, 142)` looks like.

```
.text, #text, p{  
    color:rgb(168, 172, 142)  
}
```

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(168, 172, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 172, 142) }
```

Border

The CSS property to change the border of an element to XYZ 35.7835, 39.7829, 31.3841 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(168, 172, 142) }
```


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

```
.border{ border-color:rgb(168, 172, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 172, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 172, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 172, 142);  
box-shadow:4px 4px 4px 4px rgb(168, 172,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7835, 39.7829, 31.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 172, 142) }
```

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

```
.background{ background-color: rgb(168,  
172, 142) }
```

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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