

Converting Colors

XYZ(35.8734, 38.9193, 15.8657)

Have a look what the booklet for
XYZ(35.8734, 38.9193, 15.8657)
contains.

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Color

**XYZ(35.9860, 39.1099,
16.0082)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A85D
RGB	185, 168, 93
RGB Percent	73%, 66%, 36%
CMY	0.2745, 0.3412, 0.6353
CMYK	0.00, 0.09, 0.50, 0.27
HSL	49°, 40%, 55%
HSV	49°, 50%, 73%
XYZ	35.9860, 39.1099, 16.0082
YIQ	164.5330, 34.2070, -19.7210

Conversions

Conversions Part 2

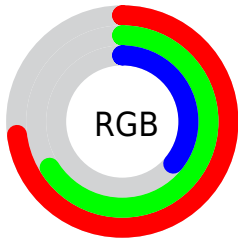
Format	Color
RYB	114, 185, 93
Decimal	12167261
CIELab	68.83, -3.93, 40.70
CIELCh	69, 40.892, 95.520
Yxy	39.1099, 0.3950, 0.4293
Android (android.graphics.Color)	4290357341 (0xFFB9A85D)
YUV	164.5330, -35.2658, 17.9496
Hunter-Lab	62.5379, -6.7276, 28.5997

Details

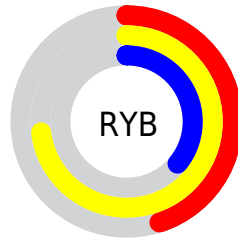
The XYZ color **35.9860, 39.1099, 16.0082** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18.8469, 16.9812, 48.1831**, and the grayscale version is **35.6933, 37.5522, 40.8943**.

A 20% lighter version of the original color is **68.4607, 73.8744, 37.4390**, and **15.9059, 17.4185, 4.9066** is the 20% darker color. If you saturate the color by 10%, you get **34.6414, 37.5772, 11.9949**, and if you desaturate by 10%, it is **37.5473, 40.7587, 21.0725**.

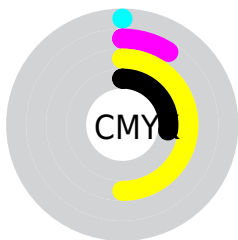
Distribution



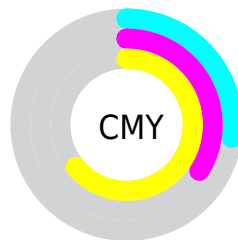
- Red (73%)
- Green (66%)
- Blue (36%)



- Red (45%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (27%)





- Cyan (27%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9860, 39.1099, 16.0082 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 35.9860, 39.1099, 16.0082 by changing the saturation by 10% instead.


 35.9860, 39.1099,
16.0082


 35.9860, 39.1099,
16.0082


320.3317,
342.3575, 241.2375


 24.5934, 26.8452,
9.3755


 68.3345, 73.8062,
37.3794

 15.9015, 17.4570,
4.8868


 90.0211, 97.0066,
52.9551

 9.5449, 10.5609,
2.1234


 115.8698,
124.6210, 72.3488

 5.1582, 5.7724,
0.6297

 146.2459,
157.0339, 95.9791

 2.3761, 2.7072,
0.0000

181.5148,
194.6296, 124.2646

 0.8332, 0.9808,
0.0000

222.0418,

 0.0000, 0.0000,

237.7925, 157.6238

0.0000

268.1923,
286.9070, 196.4753

■ 35.9860, 39.1099,
16.0082

■ 35.9860, 39.1099,
16.0082

■ 34.6414, 37.5772,
11.9949

■ 37.5473, 40.7587,
21.0725

■ 33.4960, 36.1490,
8.9537

■ 39.3358, 42.5237,
27.2545

■ 32.5341, 34.8204,
6.7982


■ 41.3643, 44.4117,
34.6179


■ 31.7361, 33.5833,
5.4257


■ 43.6442, 46.4273,
43.2212


■ 31.0636, 32.4221,
4.6353


■ 46.1859, 48.5749,
53.1188

 31.0460, 32.3911,
4.6158

 48.9992, 50.8587,
64.3621

 52.0934, 53.2825,
76.9993

 55.4774, 55.8502,
91.0767

 58.4263, 58.2718,
102.7759

Harmonies

Analogous

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



42.5838, 39.1099, 17.6473



35.9860, 39.1099, 16.0082



30.3877, 39.1099, 19.6267

Triad

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



35.9860, 39.1099, 16.0082



27.9180, 39.1099, 66.8884



49.7175, 39.1099, 59.1653

Complementary

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



35.9860, 39.1099, 16.0082



18.8469, 16.9812, 48.1831

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.



44.8995, 39.1099, 78.7718



35.9860, 39.1099, 16.0082



32.2407, 39.1099, 84.0632

Square

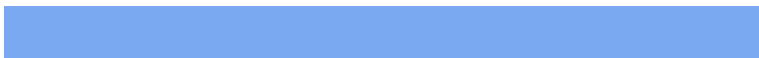
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.9860, 39.1099, 16.0082



26.0897, 39.1099, 46.1130



38.3854, 39.1099, 88.9469



51.0195, 39.1099, 39.2399

Rectangle

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



35.9860, 39.1099, 16.0082



27.8109, 39.1099, 25.3954



38.3854, 39.1099, 88.9469



48.4301, 39.1099, 66.1735

Sweetspot

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



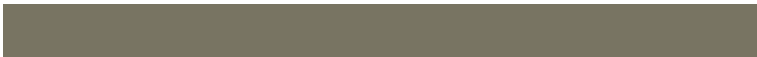
35.9869, 39.1117, 16.0090



75.8573, 81.1309, 68.6282



26.8134, 19.2999, 17.4671



16.1725, 17.3291, 14.1164



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.



35.9869, 39.1117, 16.0090



61.7667, 66.9702, 20.7085



33.3076, 42.6966, 16.8422



9.6053, 10.2136, 9.5721



21.1889, 22.1542, 3.1594



0.7840, 0.8552, 0.1237

Inverse Universe

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



18.8469, 16.9812, 48.1831



27.5095, 22.7830, 85.1523



20.5008, 15.3680, 47.7846



8.6518, 8.9808, 11.3569



6.3956, 3.2509, 31.5435



0.2664, 0.1966, 1.1256

Previews

White Background



This preview shows how the XYZ color 35.9860, 39.1099, 16.0082 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 35.9860, 39.1099, 16.0082 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 35.9860, 39.1099, 16.0082

Background



This preview shows how black text looks on a background with the XYZ color 35.9860, 39.1099, 16.0082.



This preview shows how white text looks on a background with the XYZ color 35.9860, 39.1099,

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

35.9860, 39.1099, 16.0082

Protanopia

35.9860, 39.1099, 16.0082

Deuteranopia

39.8132, 38.9470, 16.2456



Tritanopia

41.7411, 39.0740, 43.8701

Trichromacy



Original Color

35.9860, 39.1099, 16.0082

Protanomaly

35.9860, 39.1099, 16.0082

Deuteranomaly

38.4063, 39.0083, 16.0948

Tritanomaly

39.1135, 38.7710, 31.4086

Monochromacy



Original Color

35.9860, 39.1099, 16.0082

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3097, 37.9072, 29.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9860, 39.1099, 16.0082 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(185, 168, 93)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 93)  
}
```

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(185, 168, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 93) }
```

Border

The CSS property to change the border of an element to XYZ 35.9860, 39.1099, 16.0082 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(185, 168, 93) }
```


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

```
.border{ border-color:rgb(185, 168, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 168, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 93);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9860, 39.1099, 16.0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 93) }
```

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

```
.background{ background-color: rgb(185,  
168, 93) }
```

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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