

Converting Colors

XYZ(34.2455, 39.3444, 17.3266)

Have a look what the booklet for
XYZ(34.2455, 39.3444, 17.3266)
contains.

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Color

**XYZ(34.1907, 39.2711,
17.3333)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAC62
RGB	173, 172, 98
RGB Percent	68%, 67%, 38%
CMY	0.3216, 0.3255, 0.6157
CMYK	0.00, 0.01, 0.43, 0.32
HSL	59°, 31%, 53%
HSV	59°, 43%, 68%
XYZ	34.1907, 39.2711, 17.3333
YIQ	163.8630, 24.3500, -22.8020

Conversions

Conversions Part 2

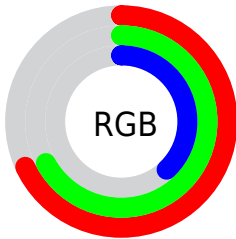
Format	Color
RYB	99, 173, 98
Decimal	11381858
CIELab	68.95, -10.55, 38.07
CIELCh	69, 39.503, 105.495
Yxy	39.2711, 0.3766, 0.4325
Android (android.graphics.Color)	4289571938 (0xFFADAC62)
YUV	163.8630, -32.4705, 8.0131
Hunter-Lab	62.6667, -12.2777, 27.4673

Details

The XYZ color **34.1907, 39.2711, 17.3333** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0416, 14.5371, 41.4429**, and the grayscale version is **35.3637, 37.2053, 40.5166**.

A 20% lighter version of the original color is **65.6072, 73.9632, 39.6726**, and **14.8786, 17.5766, 5.5142** is the 20% darker color. If you saturate the color by 10%, you get **33.4173, 38.8933, 13.4720**, and if you desaturate by 10%, it is **35.1426, 39.7233, 22.1261**.

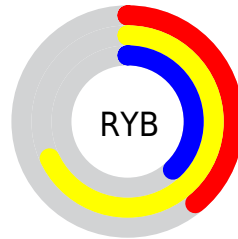
Distribution



Red (68%)

Green (67%)

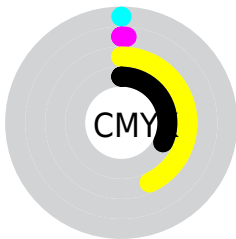
Blue (38%)



Red (39%)

Yellow (68%)

Blue (38%)

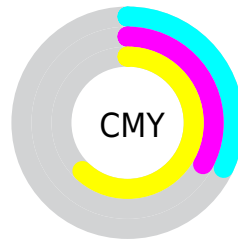


Cyan (0%)

Magenta (1%)

Yellow (43%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1907, 39.2711, 17.3333 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 34.1907, 39.2711, 17.3333 by changing the saturation by 10% instead.


 34.1907, 39.2711,
17.3333


 34.1907, 39.2711,
17.3333


312.5525,
343.0417, 249.1945


 23.2037, 26.9707,
10.3079


 65.5724, 74.0523,
39.6964


 14.8655, 17.5512,
5.4953


 86.6979, 97.3018,
55.8713

 8.8108, 10.6283,
2.4770


 111.9336,
124.9699, 75.9330

 4.6741, 5.8175,
0.8279

 141.6448,
157.4409, 100.3003

 2.0901, 2.7344,
0.0000

176.1970,
195.0992, 129.3915

 0.6838, 0.9947,
0.0000

215.9554,

 0.0000, 0.0000,

238.3291, 163.6252

0.0000

261.2855,
287.5152, 203.4200

■ 34.1907, 39.2711,
17.3333

■ 34.1907, 39.2711,
17.3333

■ 33.4173, 38.8933,
13.4720

■ 35.1426, 39.7233,
22.1261

■ 32.8082, 38.5799,
10.4792

■ 36.2807, 40.2486,
27.9030

■ 32.3513, 38.3275,
8.2882


■ 37.6155, 40.8528,
34.7156


■ 32.0321, 38.1303,
6.8212


■ 39.1561, 41.5393,
42.6114


■ 31.8327, 37.9812,
5.9854


■ 40.9109, 42.3117,
51.6345

 31.7406, 37.8983,
5.6422

 42.8878, 43.1730,
61.8271

 45.0943, 44.1264,
73.2288

 47.5378, 45.1746,
85.8775

 50.2250, 46.3204,
99.8095

Harmonies

Analogous

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



40.4344, 39.2711, 17.2487



34.1907, 39.2711, 17.3333



29.3560, 39.2711, 22.8031

Triad

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



34.1907, 39.2711, 17.3333



29.4819, 39.2711, 72.4858



50.2860, 39.2711, 52.0240

Complementary

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



34.1907, 39.2711, 17.3333



17.0416, 14.5371, 41.4429

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.



46.6219, 39.2711, 71.8867



34.1907, 39.2711, 17.3333



34.3812, 39.2711, 85.7632

Square

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



34.1907, 39.2711, 17.3333



26.8526, 39.2711, 52.6847



40.6473, 39.2711, 85.5175



50.2201, 39.2711, 34.1665

Rectangle

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



34.1907, 39.2711, 17.3333



27.3771, 39.2711, 29.9544



40.6473, 39.2711, 85.5175



49.4332, 39.2711, 58.7756

Sweetspot

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



34.1917, 39.2729, 17.3341



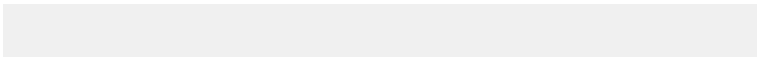
67.3998, 73.1799, 62.3378



23.8656, 18.5257, 14.1856



14.5291, 15.8504, 12.9418



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.



34.1917, 39.2729, 17.3341



59.9040, 69.6838, 24.4002



27.4240, 36.0663, 17.0719



8.6534, 9.3117, 8.5546



23.3218, 27.8491, 4.1462



0.6516, 0.7804, 0.1163

Inverse Universe

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



17.0416, 14.5371, 41.4429



25.1547, 19.5666, 73.2567



21.7823, 16.8419, 41.6379



7.5871, 7.7736, 10.0533



5.5630, 2.2599, 29.1875



0.1575, 0.0683, 0.8129

Previews

White Background



This preview shows how the XYZ color 34.1907, 39.2711, 17.3333 looks on a white background.

Color Contrast Check

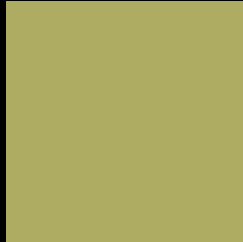
Large Text (above 18pt) WCAG AA × Fail

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 34.1907, 39.2711, 17.3333 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

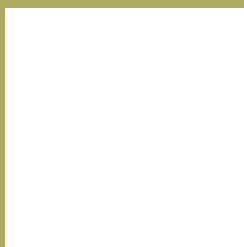
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1907, 39.2711, 17.3333

Background



This preview shows how black text looks on a background with the XYZ color 34.1907, 39.2711, 17.3333.



This preview shows how white text looks on a background with the XYZ color 34.1907, 39.2711,

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

34.1907, 39.2711, 17.3333

Protanopia

35.9275, 39.0587, 16.9548

Deuteranopia

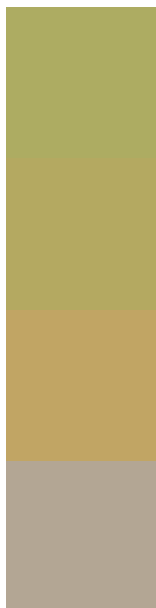
39.9957, 39.2667, 17.7831



Tritanopia

40.2251, 39.2741, 46.5349

Trichromacy



Original Color

34.1907, 39.2711, 17.3333

Protanomaly

35.1680, 38.9423, 16.9723

Deuteranomaly

37.7477, 39.1678, 17.6272

Tritanomaly

37.5719, 38.9943, 33.5634

Monochromacy



Original Color

34.1907, 39.2711, 17.3333

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.4887, 37.7464, 30.2790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1907, 39.2711, 17.3333 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(173, 172, 98)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 98)  
}
```

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(173, 172, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 98) }
```

Border

The CSS property to change the border of an element to XYZ 34.1907, 39.2711, 17.3333 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(173, 172, 98) }
```


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

```
.border{ border-color:rgb(173, 172, 98) }
```

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

Here you see how a box with a 4 pixel rgb(173, 172, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 98);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1907, 39.2711, 17.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 98) }
```

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

```
.background{ background-color: rgb(173,  
172, 98) }
```

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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