

Converting Colors

XYZ(34.0164, 39.4242, 15.9421)

Have a look what the booklet for
XYZ(34.0164, 39.4242, 15.9421)
contains.

XYZ(34.1089, 39.5441, 15.9603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1089, 39.5441,
15.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAD5C
RGB	173, 173, 92
RGB Percent	68%, 68%, 36%
CMY	0.3216, 0.3215, 0.6392
CMYK	0.00, 0.00, 0.47, 0.32
HSL	60°, 33%, 52%
HSV	60°, 47%, 68%
XYZ	34.1089, 39.5441, 15.9603
YIQ	163.7660, 26.0010, -25.1910

Conversions

Conversions Part 2

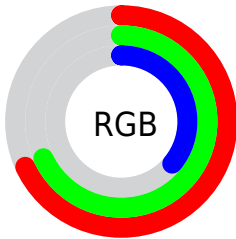
Format	Color
R _Y B	92, 173, 92
Decimal	11382108
CIE Lab	69.14, -11.68, 41.35
CIE LCh	69, 42.966, 105.779
Yxy	39.5441, 0.3806, 0.4413
Android (android.graphics.Color)	4289572188 (0xFFADAD5C)
YUV	163.7660, -35.3806, 8.0982
Hunter-Lab	62.8841, -13.2272, 28.9708

Details

The XYZ color **34.1089, 39.5441, 15.9603** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.7850, 12.9477, 41.2048**, and the grayscale version is **35.3304, 37.1703, 40.4785**.

A 20% lighter version of the original color is **65.4106, 74.3234, 37.2839**, and **14.8630, 17.7639, 4.8359** is the 20% darker color. If you saturate the color by 10%, you get **33.4376, 39.2770, 12.4221**, and if you desaturate by 10%, it is **34.9549, 39.8839, 20.4097**.

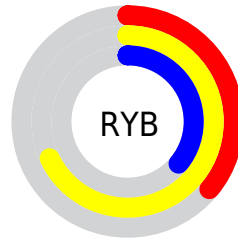
Distribution



Red (68%)

Green (68%)

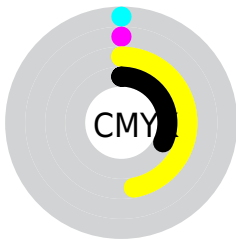
Blue (36%)



Red (36%)

Yellow (68%)

Blue (36%)

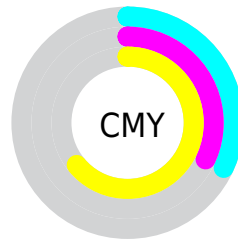


Cyan (0%)

Magenta (0%)

Yellow (47%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1089, 39.5441, 15.9603 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 34.1089, 39.5441, 15.9603 by changing the saturation by 10% instead.


 34.1089, 39.5441,
15.9603


 34.1089, 39.5441,
15.9603


312.1947,
344.1983, 240.9450


 23.1406, 27.1833,
9.3420


 65.4461, 74.4688,
37.2951


 14.8186, 17.7109,
4.8651


 86.5458, 97.8014,
52.8487

 8.7777, 10.7426,
2.1110


 111.7532,
125.5601, 72.2178

 4.6524, 5.8941,
0.6223

 141.4338,
158.1293, 95.8210

 2.0774, 2.7808,
0.0000

175.9528,
195.8933, 124.0768

 0.6769, 1.0184,
0.0000

215.6758,

 0.0000, 0.0000,

239.2365, 157.4037

0.0000

260.9680,
288.5434, 196.2202

■ 34.1089, 39.5441,
15.9603

■ 34.1089, 39.5441,
15.9603

■ 33.4376, 39.2770,
12.4221

■ 34.9549, 39.8839,
20.4097

■ 32.9261, 39.0723,
9.7299

■ 35.9834, 40.2954,
25.8247

■ 32.5620, 38.9267,
7.8139


■ 37.2054, 40.7842,
32.2583


■ 32.3297, 38.8337,
6.5919


■ 38.6300, 41.3541,
39.7589


■ 32.2069, 38.7846,
5.9466


■ 40.2659, 42.0085,
48.3719

 32.1767, 38.7725,
5.7879

 42.1211, 42.7506,
58.1401

 44.2034, 43.5835,
69.1039

 46.5200, 44.5102,
81.3018

 49.0780, 45.5334,
94.7707

Harmonies

Analogous

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



40.9226, 39.5441, 15.8234



34.1089, 39.5441, 15.9603



28.8966, 39.5441, 21.7057

Triad

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



34.1089, 39.5441, 15.9603



29.1101, 39.5441, 76.2311



51.8889, 39.5441, 53.0282

Complementary

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



34.1089, 39.5441, 15.9603



15.7850, 12.9477, 41.2048

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.



47.8618, 39.5441, 75.1723



34.1089, 39.5441, 15.9603



34.4349, 39.5441, 91.0851

Square

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



34.1089, 39.5441, 15.9603



26.2596, 39.5441, 54.1772



41.2906, 39.5441, 90.6474



51.7738, 39.5441, 33.5728

Rectangle

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



34.1089, 39.5441, 15.9603



26.7864, 39.5441, 29.3344



41.2906, 39.5441, 90.6474



50.9553, 39.5441, 60.5040

Sweetspot

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



34.1099, 39.5459, 15.9611



67.2511, 73.2871, 61.0440



22.9939, 17.3122, 12.2555



14.5051, 15.8829, 12.6864



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.



34.1099, 39.5459, 15.9611



59.8649, 70.3324, 22.1586



26.4710, 35.6080, 15.6036



8.6627, 9.3302, 8.5577



23.6372, 28.4825, 4.2519



0.6576, 0.7924, 0.1183

Inverse Universe

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



15.7850, 12.9477, 41.2048



23.0634, 16.9155, 72.8552



20.9653, 15.6183, 41.4472



7.5790, 7.7573, 10.0505



5.5415, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 34.1089, 39.5441, 15.9603 looks on a white background.

Color Contrast Check

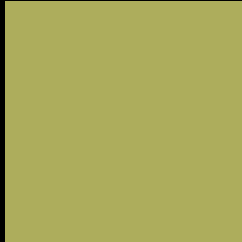
Large Text (above 18pt) WCAG AA × Fail

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 34.1089, 39.5441, 15.9603 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 34.1089, 39.5441, 15.9603

Background



This preview shows how black text looks on a background with the XYZ color 34.1089, 39.5441, 15.9603.



This preview shows how white text looks on a background with the XYZ color 34.1089, 39.5441,

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

34.1089, 39.5441, 15.9603

Protanopia

36.3260, 39.5704, 15.6208

Deuteranopia

40.2640, 39.4378, 16.3166



Tritanopia

40.2251, 39.2741, 46.5349

Trichromacy



Original Color

34.1089, 39.5441, 15.9603

Protanomaly

35.3191, 39.3285, 15.6272

Deuteranomaly

37.7236, 39.1878, 16.1654

Tritanomaly

37.5200, 39.2655, 32.3895

Monochromacy



Original Color

34.1089, 39.5441, 15.9603

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.3425, 37.6879, 29.5092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1089, 39.5441, 15.9603 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, 173, 92)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 92)  
}
```

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, 173, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 92) }
```

Border

The CSS property to change the border of an element to XYZ 34.1089, 39.5441, 15.9603 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, 173, 92) }
```


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

```
.border{ border-color:rgb(173, 173, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 92);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1089, 39.5441, 15.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 92) }
```

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

```
.background{ background-color: rgb(173,  
173, 92) }
```

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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