

Converting Colors

XYZ(35.2934, 39.1644, 29.1501)

Have a look what the booklet for
XYZ(35.2934, 39.1644, 29.1501)
contains.

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Color

**XYZ(35.3690, 39.3384,
29.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AB88
RGB	169, 171, 136
RGB Percent	66%, 67%, 53%
CMY	0.3373, 0.3294, 0.4667
CMYK	0.01, 0.00, 0.20, 0.33
HSL	63°, 17%, 60%
HSV	63°, 20%, 67%
XYZ	35.3690, 39.3384, 29.0215
YIQ	166.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

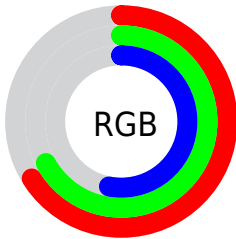
Format	Color
RYB	136, 171, 138
Decimal	11119496
CIELab	69.00, -6.72, 17.83
CIELCh	69, 19.058, 110.657
Yxy	39.3384, 0.3410, 0.3792
Android (android.graphics.Color)	4289309576 (0xFFA9AB88)
YUV	166.4120, -14.9931, 2.2697
Hunter-Lab	62.7203, -9.1016, 16.4700

Details

The XYZ color **35.3690, 39.3384, 29.0215** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.6377, 25.9530, 42.1357**, and the grayscale version is **36.5127, 38.4143, 41.8331**.

A 20% lighter version of the original color is **67.1221, 73.9141, 58.8733**, and **15.6127, 17.6474, 11.3875** is the 20% darker color. If you saturate the color by 10%, you get **34.0405, 38.7842, 23.1136**, and if you desaturate by 10%, it is **36.8950, 39.9745, 35.9525**.

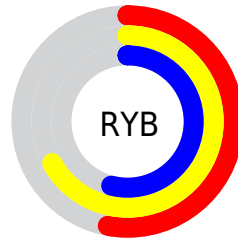
Distribution



Red (66%)

Green (67%)

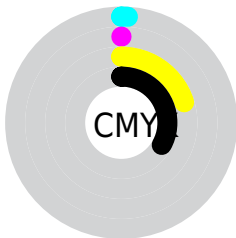
Blue (53%)



Red (53%)

Yellow (67%)

Blue (54%)

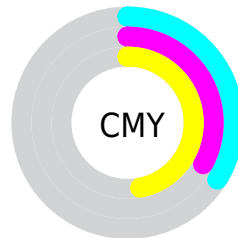


Cyan (1%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3690, 39.3384, 29.0215 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 35.3690, 39.3384, 29.0215 by changing the saturation by 10% instead.

■ 35.3690, 39.3384,
29.0215

■ 35.3690, 39.3384,
29.0215

317.6736,
343.3271, 311.3805

■ 24.1151, 27.0231,
18.8514

■ 67.3873, 74.1550,
59.1538

■ 15.5442, 17.5906,
11.3872

■ 88.8824, 97.4251,
79.9531

■ 9.2910, 10.6564,
6.2105

■ 114.5219,
125.1155, 105.1325

■ 4.9901, 5.8363,
2.9026

144.6712,
157.6107, 135.1106

■ 2.2762, 2.7458,
1.0451

179.6957,
195.2951, 170.3059

■ 0.7824, 1.0005,
0.0000

219.9607,

■ 0.0000, 0.0000,

238.5530, 211.1370

0.0000

265.8316,
287.7689, 258.0223

■ 35.3690, 39.3384,
29.0215

■ 35.3690, 39.3384,
29.0215

■ 34.0405, 38.7842,
23.1136

■ 36.8950, 39.9745,
35.9525

■ 32.8974, 38.3029,
18.1779

■ 38.6241, 40.6907,
43.9491

■ 31.9306, 37.8924,
14.1631


■ 40.5654, 41.4919,
53.0546


■ 31.1295, 37.5483,
11.0119


■ 42.7264, 42.3812,
63.3092

■ 30.4818, 37.2658,
8.6609


■ 45.1145, 43.3615,
74.7509


 29.9739, 37.0393,
7.0378

 47.7364, 44.4356,
87.4160

 29.5896, 36.8625,
6.0576

 50.4852, 45.5606,
100.7410

 29.3047, 36.7267,
5.5444

 50.7072, 45.6750,
100.7513

 50.9308, 45.7902,
100.7618

Harmonies

Analogous

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



38.3453, 39.3384, 28.3686



35.3690, 39.3384, 29.0215



33.0564, 39.3384, 33.0880

Triad

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



35.3690, 39.3384, 29.0215



33.8114, 39.3384, 57.1004



43.4483, 39.3384, 45.6034

Complementary

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



35.3690, 39.3384, 29.0215



26.6377, 25.9530, 42.1357

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.



42.0867, 39.3384, 54.3246



35.3690, 39.3384, 29.0215



36.4507, 39.3384, 61.5292

Square

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



35.3690, 39.3384, 29.0215



32.1914, 39.3384, 49.0029



39.4865, 39.3384, 60.4499



43.1200, 39.3384, 37.2037

Rectangle

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



35.3690, 39.3384, 29.0215



32.1500, 39.3384, 37.5327



39.4865, 39.3384, 60.4499



43.1704, 39.3384, 48.6098

Sweetspot

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



35.3700, 39.3401, 29.0223



67.3786, 72.1295, 70.3939



30.2925, 28.5418, 27.2057



14.9829, 16.0674, 15.5007



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.



35.3700, 39.3401, 29.0223



62.1156, 69.9399, 46.4890



31.9105, 37.5567, 28.8604



8.6167, 9.3065, 8.5556



22.1055, 27.6929, 4.1802



0.6283, 0.7773, 0.1169

Inverse Universe

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



26.6377, 25.9530, 42.1357



43.3547, 41.1768, 74.6648



29.7217, 27.5428, 42.2801



7.6198, 7.7783, 10.0525



5.6492, 2.2721, 29.1853



0.1706, 0.0701, 0.8125

Previews

White Background



This preview shows how the XYZ color 35.3690, 39.3384, 29.0215 looks on a white background.

Color Contrast Check

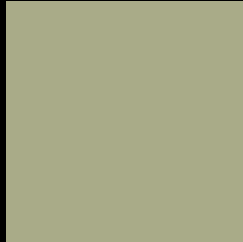
Large Text (above 18pt) WCAG AA × Fail

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 35.3690, 39.3384, 29.0215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

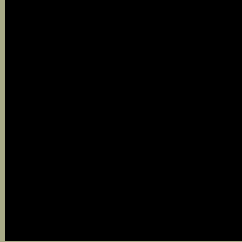
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3690, 39.3384, 29.0215

Background



This preview shows how black text looks on a background with the XYZ color 35.3690, 39.3384, 29.0215.



This preview shows how white text looks on a background with the XYZ color 35.3690, 39.3384,

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

35.3690, 39.3384, 29.0215

Protanopia

36.9662, 39.3382, 28.5664

Deuteranopia

40.0135, 39.2777, 29.5172



Tritanopia

39.1702, 39.2386, 47.6288

Trichromacy



Original Color

35.3690, 39.3384, 29.0215

Protanomaly

36.2403, 39.2392, 28.5855

Deuteranomaly

38.2202, 39.1555, 29.2103

Tritanomaly

37.6632, 39.1660, 40.2251

Monochromacy



Original Color

35.3690, 39.3384, 29.0215

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8554, 38.5873, 36.5687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3690, 39.3384, 29.0215 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(169, 171, 136)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 136)  
}
```

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(169, 171, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 136) }
```

Border

The CSS property to change the border of an element to XYZ 35.3690, 39.3384, 29.0215 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(169, 171, 136) }
```


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

```
.border{ border-color:rgb(169, 171, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 136);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3690, 39.3384, 29.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 136) }
```

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

```
.background{ background-color: rgb(169,  
171, 136) }
```

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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