

Converting Colors

XYZ(35.5668, 39.6520, 29.4870)

Have a look what the booklet for
XYZ(35.5668, 39.6520, 29.4870)
contains.

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Color

**XYZ(35.6301, 39.7462,
29.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AC89
RGB	169, 172, 137
RGB Percent	66%, 67%, 54%
CMY	0.3373, 0.3255, 0.4627
CMYK	0.02, 0.00, 0.20, 0.33
HSL	65°, 17%, 61%
HSV	65°, 20%, 67%
XYZ	35.6301, 39.7462, 29.4608
YIQ	167.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

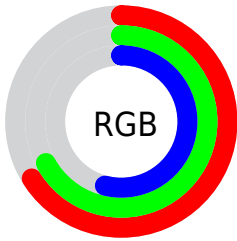
Format	Color
RYB	137, 172, 140
Decimal	11119753
CIELab	69.29, -7.10, 17.69
CIELCh	69, 19.064, 111.873
Yxy	39.7462, 0.3399, 0.3791
Android (android.graphics.Color)	4289309833 (0xFFA9AC89)
YUV	167.1130, -14.8457, 1.6549
Hunter-Lab	63.0446, -9.4475, 16.4249

Details

The XYZ color **35.6301, 39.7462, 29.4608** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.2088, 26.4464, 42.7025**, and the grayscale version is **36.8534, 38.7726, 42.2234**.

A 20% lighter version of the original color is **67.5038, 74.5032, 59.5379**, and **15.7729, 17.9030, 11.6411** is the 20% darker color. If you saturate the color by 10%, you get **34.1789, 39.1307, 23.4576**, and if you desaturate by 10%, it is **37.2837, 40.4458, 36.5019**.

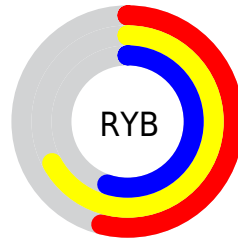
Distribution



Red (66%)

Green (67%)

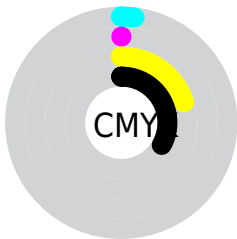
Blue (54%)



Red (54%)

Yellow (67%)

Blue (55%)

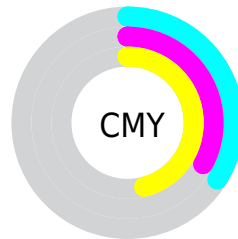


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (34%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6301, 39.7462, 29.4608 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 35.6301, 39.7462, 29.4608 by changing the saturation by 10% instead.


 35.6301, 39.7462,
29.4608


 35.6301, 39.7462,
29.4608


318.8004,
345.0527, 313.5117


 24.3174, 27.3407,
19.1811


 67.7884, 74.7769,
59.8593

 15.6953, 17.8293,
11.6231


 89.3647, 98.1709,
80.8152

 9.3983, 10.8275,
6.3682


 115.0929,
125.9965, 106.1669

 5.0610, 5.9510,
2.9978

145.3384,
158.6381, 136.3330

 2.3182, 2.8153,
1.0935

180.4666,
196.4801, 171.7320

 0.8040, 1.0361,
0.0000

220.8427,

 0.0000, 0.0000,

239.9070, 212.7824

0.0000

266.8322,
289.3030, 259.9028

■ 35.6301, 39.7462,
29.4608

■ 35.6301, 39.7462,
29.4608

■ 34.1789, 39.1307,
23.4576

■ 37.2837, 40.4458,
36.5019

■ 32.9176, 38.5902,
18.4408

■ 39.1453, 41.2276,
44.6240

■ 31.8373, 38.1225,
14.3583

■ 41.2241, 42.0968,
53.8711

■ 30.9269, 37.7232,
11.1522

■ 43.5278, 43.0563,
64.2838

■ 30.1743, 37.3874,
8.7580

■ 46.0638, 44.1091,
75.9007

■ 29.5654, 37.1095,
7.1028

■ 48.8390, 45.2581,
88.7587

■ 29.0839, 36.8830,
6.1002

■ 51.4707, 46.3500,
100.8414

■ 28.7057, 36.6994,
5.5707

■ 51.8145, 46.5273,
100.8575

■ 52.1620, 46.7064,
100.8737

Harmonies

Analogous

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



38.6145, 39.7462, 28.6613



35.6301, 39.7462, 29.4608



33.3404, 39.7462, 33.6945

Triad

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



35.6301, 39.7462, 29.4608



34.2639, 39.7462, 57.9135



43.8994, 39.7462, 45.7002

Complementary

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



35.6301, 39.7462, 29.4608



27.2088, 26.4464, 42.7025

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.



42.5919, 39.7462, 54.5228



35.6301, 39.7462, 29.4608



36.9528, 39.7462, 62.1694

Square

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



35.6301, 39.7462, 29.4608



32.5818, 39.7462, 49.8551



40.0096, 39.7462, 60.8514



43.4983, 39.7462, 37.3043

Rectangle

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



35.6301, 39.7462, 29.4608



32.4629, 39.7462, 38.2485



40.0096, 39.7462, 60.8514



43.6428, 39.7462, 48.7277

Sweetspot

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



35.6311, 39.7480, 29.4616



69.0200, 73.9534, 72.2226



30.8958, 29.3097, 27.6964



14.9545, 16.0528, 15.4993



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.



35.6311, 39.7480, 29.4616



63.5188, 71.6306, 48.7789



32.1403, 37.9484, 29.2983



8.5939, 9.2947, 8.5545



21.3836, 27.3207, 4.1464



0.6143, 0.7700, 0.1163

Inverse Universe

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



27.2088, 26.4464, 42.7025



45.7021, 43.4905, 76.7915



30.3794, 28.0809, 42.8509



7.6403, 7.7889, 10.0534



5.7060, 2.3014, 29.1880



0.1788, 0.0744, 0.8129

Previews

White Background



This preview shows how the XYZ color 35.6301, 39.7462, 29.4608 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 35.6301, 39.7462, 29.4608 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

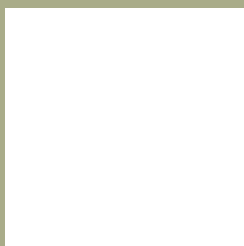
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6301, 39.7462, 29.4608

Background



This preview shows how black text looks on a background with the XYZ color 35.6301, 39.7462, 29.4608.



This preview shows how white text looks on a background with the XYZ color 35.6301, 39.7462,

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

35.6301, 39.7462, 29.4608

Protanopia

37.1515, 39.7089, 28.6282

Deuteranopia

40.3455, 39.4405, 29.9124



Tritanopia

39.4521, 39.6411, 48.2200

Trichromacy



Original Color

35.6301, 39.7462, 29.4608

Protanomaly

36.4979, 39.6410, 29.0204

Deuteranomaly

38.4734, 39.5465, 29.6502

Tritanomaly

37.9371, 39.5698, 40.7602

Monochromacy



Original Color

35.6301, 39.7462, 29.4608

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.3372, 39.1011, 37.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6301, 39.7462, 29.4608 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, 172, 137)` looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 137)  
}
```

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, 172, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.6301, 39.7462, 29.4608 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, 172, 137) }
```


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

```
.border{ border-color:rgb(169, 172, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 172, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 172, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 172, 137);  
box-shadow:4px 4px 4px 4px rgb(169, 172,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6301, 39.7462, 29.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 137) }
```

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

```
.background{ background-color: rgb(169,  
172, 137) }
```

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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