

Converting Colors

XYZ(36.2879, 39.4787, 29.2060)

Have a look what the booklet for
XYZ(36.2879, 39.4787, 29.2060)
contains.

XYZ(36.3456, 39.5543, 29.3860)	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(36.3456, 39.5543,
29.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAA89
RGB	174, 170, 137
RGB Percent	68%, 67%, 54%
CMY	0.3176, 0.3333, 0.4627
CMYK	0.00, 0.02, 0.21, 0.32
HSL	54°, 19%, 61%
HSV	54°, 21%, 68%
XYZ	36.3456, 39.5543, 29.3860
YIQ	167.4340, 12.9770, -9.4150

Conversions

Conversions Part 2

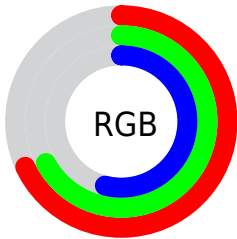
Format	Color
RYB	141, 174, 137
Decimal	11446921
CIELab	69.15, -4.11, 17.56
CIELCh	69, 18.039, 103.177
Yxy	39.5543, 0.3452, 0.3757
Android (android.graphics.Color)	4289637001 (0xFFAEAA89)
YUV	167.4340, -15.0040, 5.7584
Hunter-Lab	62.8922, -6.9057, 16.3217

Details

The XYZ color **36.3456, 39.5543, 29.3860** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.4812, 27.4233, 43.8893**, and the grayscale version is **37.0097, 38.9371, 42.4025**.

A 20% lighter version of the original color is **68.8526, 74.3911, 59.4452**, and **16.0839, 17.7099, 11.5875** is the 20% darker color. If you saturate the color by 10%, you get **34.8474, 38.3968, 23.2174**, and if you desaturate by 10%, it is **38.0522, 40.8060, 36.6182**.

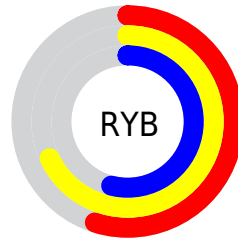
Distribution



Red (68%)

Green (67%)

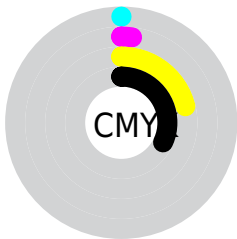
Blue (54%)



Red (55%)

Yellow (68%)

Blue (54%)

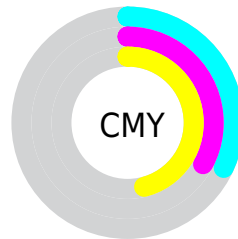


Cyan (0%)

Magenta (2%)

Yellow (21%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3456, 39.5543, 29.3860 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 36.3456, 39.5543, 29.3860 by changing the saturation by 10% instead.


 36.3456, 39.5543,
29.3860


 36.3456, 39.5543,
29.3860


321.8735,
344.2414, 313.1496


 24.8726, 27.1912,
19.1249


 68.8855, 74.4843,
59.7393

 16.1104, 17.7169,
11.5829


 90.6832, 97.8201,
80.6686

 9.6936, 10.7469,
6.3412

 116.6530,
125.5822, 105.9910

 5.2570, 5.8969,
2.9815

147.1605,
158.1550, 136.1252

 2.4351, 2.7825,
1.0852

182.5710,
195.9229, 171.4896

 0.8627, 1.0193,
0.0000

223.2497,

 0.0000, 0.0000,

239.2704, 212.5028

0.0000

269.5621,
288.5817, 259.5833

■ 36.3456, 39.5543,
29.3860

■ 36.3456, 39.5543,
29.3860

■ 34.8474, 38.3968,
23.2174

■ 38.0522, 40.8060,
36.6182

■ 33.5450, 37.3242,
18.0591

■ 39.9731, 42.1501,
44.9588

■ 32.4287, 36.3341,
13.8570

■ 42.1179, 43.5919,
54.4530

■ 31.4874, 35.4219,
10.5511

■ 44.4946, 45.1346,
65.1430

■ 30.7081, 34.5825,
8.0744

■ 47.1106, 46.7812,
77.0687

■ 30.0764, 33.8100,
6.3505

■ 49.9734, 48.5348,
90.2681

■ 29.5751, 33.0975,
5.2892

■ 52.4716, 50.1507,
101.5223

■ 29.2119, 32.5114,
4.7357

■ 52.8622, 50.9320,
101.6525

■ 53.2580, 51.7236,
101.7844

Harmonies

Analogous

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



39.2224, 39.5543, 29.5890



36.3456, 39.5543, 29.3860



33.9283, 39.5543, 32.4973

Triad

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



36.3456, 39.5543, 29.3860



33.6960, 39.5543, 54.8698



43.1547, 39.5543, 47.8277

Complementary

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



36.3456, 39.5543, 29.3860



27.4812, 27.4233, 43.8893

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.



41.5172, 39.5543, 55.7132



36.3456, 39.5543, 29.3860



36.0136, 39.5543, 60.1213

Square

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



36.3456, 39.5543, 29.3860



32.4521, 39.5543, 46.7893



38.8731, 39.5543, 60.4483



43.2549, 39.5543, 39.5492

Rectangle

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



36.3456, 39.5543, 29.3860



32.8621, 39.5543, 36.2943



38.8731, 39.5543, 60.4483



42.7622, 39.5543, 50.6359

Sweetspot

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



36.3466, 39.5561, 29.3868



70.7704, 75.2539, 73.9681



31.2329, 28.8230, 29.2407



15.6805, 16.6917, 16.2275



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.3466, 39.5561, 29.3868



64.4705, 70.6381, 47.2545



34.1122, 39.5331, 29.5002



8.5877, 9.1802, 8.5327



21.2139, 23.6332, 3.4436



0.6108, 0.6987, 0.1027

Inverse Universe

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



27.4812, 27.4233, 43.8893



45.1915, 44.2559, 78.7973



29.3826, 27.5447, 43.8125



7.6460, 7.8913, 10.0729



5.7303, 2.5945, 29.2433



0.1811, 0.1155, 0.8207

Previews

White Background



This preview shows how the XYZ color 36.3456, 39.5543, 29.3860 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 36.3456, 39.5543, 29.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

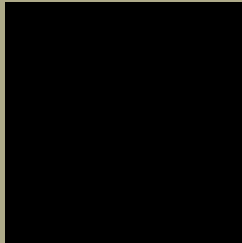
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

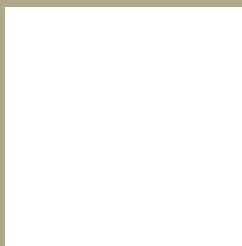
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3456, 39.5543, 29.3860

Background



This preview shows how black text looks on a background with the XYZ color 36.3456, 39.5543, 29.3860.



This preview shows how white text looks on a background with the XYZ color 36.3456, 39.5543,

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

36.3456, 39.5543, 29.3860

Protanopia

37.0370, 39.3665, 28.9390

Deuteranopia

40.3455, 39.4405, 29.9124



Tritanopia

39.8017, 39.3089, 47.0846

Trichromacy



Original Color

36.3456, 39.5543, 29.3860

Protanomaly

36.7634, 39.5006, 28.9793

Deuteranomaly

38.7816, 39.4366, 29.6128

Tritanomaly

38.2893, 39.2282, 39.7362

Monochromacy



Original Color

36.3456, 39.5543, 29.3860

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5809, 38.9516, 37.0429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3456, 39.5543, 29.3860 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(174, 170, 137)` looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 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(174, 170, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 137) }
```

Border

The CSS property to change the border of an element to XYZ 36.3456, 39.5543, 29.3860 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(174, 170, 137) }
```


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

```
.border{ border-color:rgb(174, 170, 137) }
```

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

Here you see how a box with a 4 pixel rgb(174, 170, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 170, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 170, 137);  
box-shadow:4px 4px 4px 4px rgb(174, 170,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3456, 39.5543, 29.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 137) }
```

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

```
.background{ background-color: rgb(174,  
170, 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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