

Converting Colors

XYZ(35.8803, 39.6038, 29.7558)

Have a look what the booklet for
XYZ(35.8803, 39.6038, 29.7558)
contains.

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Color

**XYZ(35.9449, 39.6187,
29.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAB8A
RGB	171, 171, 138
RGB Percent	67%, 67%, 54%
CMY	0.3294, 0.3294, 0.4588
CMYK	0.00, 0.00, 0.19, 0.33
HSL	60°, 16%, 61%
HSV	60°, 19%, 67%
XYZ	35.9449, 39.6187, 29.7974
YIQ	167.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

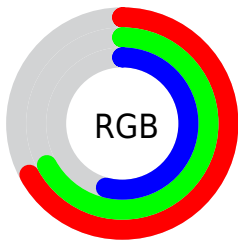
Format	Color
RYB	138, 171, 138
Decimal	11250570
CIELab	69.20, -5.65, 17.04
CIElCh	69, 17.955, 108.341
Yxy	39.6187, 0.3412, 0.3760
Android (android.graphics.Color)	4289440650 (0xFFABAB8A)
YUV	167.2380, -14.4143, 3.2993
Hunter-Lab	62.9434, -8.2154, 15.9925

Details

The XYZ color **35.9449, 39.6187, 29.7974** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.9219, 26.5215, 42.2305**, and the grayscale version is **36.9119, 38.8342, 42.2905**.

A 20% lighter version of the original color is **68.3893, 74.5294, 60.6503**, and **15.8295, 17.7498, 11.8243** is the 20% darker color. If you saturate the color by 10%, you get **34.8031, 39.1633, 23.7823**, and if you desaturate by 10%, it is **37.2838, 40.1557, 36.8410**.

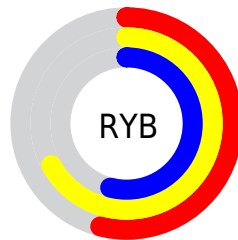
Distribution



Red (67%)

Green (67%)

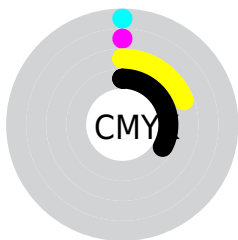
Blue (54%)



Red (54%)

Yellow (67%)

Blue (54%)

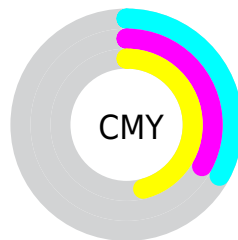


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9449, 39.6187, 29.7974 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 35.9449, 39.6187, 29.7974 by changing the saturation by 10% instead.

■ 35.9449, 39.6187,
29.7974

■ 35.9449, 39.6187,
29.7974

320.1551,
344.5138, 315.1368

■ 24.5616, 27.2414,
19.4341

■ 68.2714, 74.5825,
60.3988

■ 15.8777, 17.7546,
11.8044

■ 89.9453, 97.9378,
81.4741

■ 9.5279, 10.7739,
6.4897

■ 115.7801,
125.7212, 106.9571

■ 5.1470, 5.9150,
3.0715

146.1412,
158.3172, 137.2663

■ 2.3694, 2.7935,
1.1313

181.3939,
196.1100, 172.8204

■ 0.8298, 1.0249,
0.0000

221.9035,

■ 0.0000, 0.0000,

239.4841, 214.0378

0.0000

268.0355,
288.8239, 261.3371

■ 35.9449, 39.6187,
29.7974

■ 35.9449, 39.6187,
29.7974

■ 34.8031, 39.1633,
23.7823

■ 37.2838, 40.1557,
36.8410

■ 33.8460, 38.7804,
18.7451

■ 38.8252, 40.7722,
44.9552

■ 33.0651, 38.4680,
14.6351

■ 40.5780, 41.4734,
54.1831

■ 32.4495, 38.2217,
11.3956

■ 42.5499, 42.2622,
64.5644

■ 31.9872, 38.0367,
8.9640

■ 44.7480, 43.1415,
76.1372

■ 31.6650, 37.9078,
7.2693

■ 47.1792, 44.1141,
88.9376

■ 31.4668, 37.8284,
6.2283

■ 49.4116, 45.0071,
100.6907

■ 31.3613, 37.7862,
5.6749

■ 49.4121, 45.0073,
100.6907

■ 31.3547, 37.7835,
5.6404

■ 49.4125, 45.0076,
100.6907

Harmonies

Analogous

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



38.7837, 39.6187, 29.4261



35.9449, 39.6187, 29.7974



33.6786, 39.6187, 33.4544

Triad

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



35.9449, 39.6187, 29.7974



34.1029, 39.6187, 56.0688



43.3291, 39.6187, 46.4145

Complementary

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



35.9449, 39.6187, 29.7974



26.9219, 26.5215, 42.2305

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.



41.9357, 39.6187, 54.5304



35.9449, 39.6187, 29.7974



36.5511, 39.6187, 60.5593

Square

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



35.9449, 39.6187, 29.7974



32.6530, 39.6187, 48.3097



39.4214, 39.6187, 59.9630



43.1464, 39.6187, 38.3493

Rectangle

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



35.9449, 39.6187, 29.7974



32.7526, 39.6187, 37.5589



39.4214, 39.6187, 59.9630



43.0268, 39.6187, 49.2439

Sweetspot

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



35.9459, 39.6205, 29.7982



67.6108, 72.2492, 70.4048



30.4718, 28.6708, 27.9733



15.0400, 16.0969, 15.5033



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.



35.9459, 39.6205, 29.7982



63.4918, 70.6014, 48.7215



32.5736, 37.8820, 29.6404



8.6626, 9.3302, 8.5577



23.6355, 28.4816, 4.2518



0.6575, 0.7923, 0.1183

Inverse Universe

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



26.9219, 26.5215, 42.2305



44.4522, 42.9644, 74.9520



29.8621, 28.0373, 42.3681



7.5790, 7.7573, 10.0505



5.5416, 2.2167, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 35.9449, 39.6187, 29.7974 looks on a white background.

Color Contrast Check

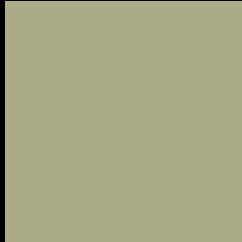
Large Text (above 18pt) WCAG AA × Fail

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 35.9449, 39.6187, 29.7974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

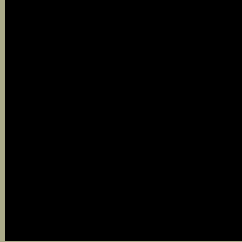
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

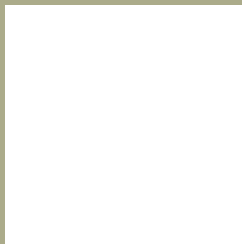
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9449, 39.6187, 29.7974

Background



This preview shows how black text looks on a background with the XYZ color 35.9449, 39.6187, 29.7974.



This preview shows how white text looks on a background with the XYZ color 35.9449, 39.6187,

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

35.9449, 39.6187, 29.7974

Protanopia

37.2937, 39.7658, 29.3769

Deuteranopia

40.1596, 39.3362, 30.2870



Tritanopia

39.3955, 39.3547, 47.6393

Trichromacy



Original Color

35.9449, 39.6187, 29.7974

Protanomaly

36.7946, 39.7857, 29.4070

Deuteranomaly

38.3650, 39.2135, 29.9730

Tritanomaly

37.8851, 39.2804, 40.2355

Monochromacy



Original Color

35.9449, 39.6187, 29.7974

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.1518, 38.7304, 37.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9449, 39.6187, 29.7974 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(171, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 138)  
}
```

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(171, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.9449, 39.6187, 29.7974 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(171, 171, 138) }
```


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

```
.border{ border-color:rgb(171, 171, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 138);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9449, 39.6187, 29.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 138) }
```

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

```
.background{ background-color: rgb(171,  
171, 138) }
```

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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