

Converting Colors

XYZ(36.3270, 39.3616, 26.3968)

Have a look what the booklet for
XYZ(36.3270, 39.3616, 26.3968)
contains.

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Color

**XYZ(36.2819, 39.3080,
26.4438)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A981
RGB	177, 169, 129
RGB Percent	69%, 66%, 51%
CMY	0.3059, 0.3372, 0.4941
CMYK	0.00, 0.05, 0.27, 0.31
HSL	50°, 24%, 60%
HSV	50°, 27%, 69%
XYZ	36.2819, 39.3080, 26.4438
YIQ	166.8320, 17.6080, -10.7440

Conversions

Conversions Part 2

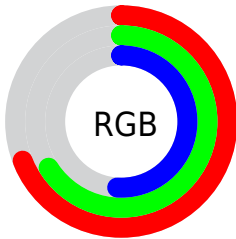
Format	Color
RYB	139, 177, 129
Decimal	11643265
CIELab	68.97, -3.56, 21.72
CIELCh	69, 22.015, 99.309
Yxy	39.3080, 0.3556, 0.3852
Android (android.graphics.Color)	4289833345 (0xFFB1A981)
YUV	166.8320, -18.6512, 8.9173
Hunter-Lab	62.6961, -6.4211, 18.8801

Details

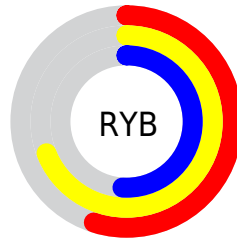
The XYZ color **36.2819, 39.3080, 26.4438** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.9347, 25.7322, 45.1951**, and the grayscale version is **36.7315, 38.6444, 42.0838**.

A 20% lighter version of the original color is **68.7034, 74.0123, 54.9207**, and **16.0848, 17.5722, 9.9411** is the 20% darker color. If you saturate the color by 10%, you get **34.6638, 37.7943, 20.5941**, and if you desaturate by 10%, it is **38.1182, 40.9316, 33.3727**.

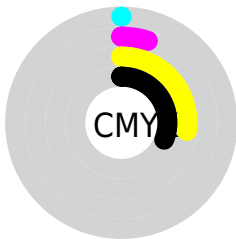
Distribution



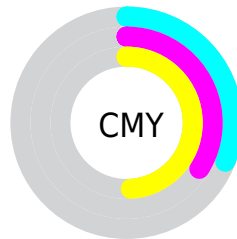
- Red (69%)
- Green (66%)
- Blue (51%)



- Red (55%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2819, 39.3080, 26.4438 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 36.2819, 39.3080, 26.4438 by changing the saturation by 10% instead.

■ 36.2819, 39.3080,
26.4438

■ 36.2819, 39.3080,
26.4438

321.6008,
343.1982, 298.6284

■ 24.8231, 26.9994,
16.9272

■ 68.7880, 74.1086,
54.9829

■ 16.0733, 17.5728,
10.0212

■ 90.5660, 97.3694,
74.8425

■ 9.6672, 10.6437,
5.3072

■ 116.5144,
125.0497, 98.9868

■ 5.2395, 5.8278,
2.3668

146.9987,
157.5340, 127.8344

■ 2.4246, 2.7407,
0.7683

182.3841,
195.2066, 161.8038

■ 0.8574, 0.9979,
0.0000

223.0360,

■ 0.0000, 0.0000,

238.4519, 201.3136

0.0000

269.3198,
287.6543, 246.7823

■ 36.2819, 39.3080,
26.4438

■ 36.2819, 39.3080,
26.4438

■ 34.6638, 37.7943,
20.5941

■ 38.1182, 40.9316,
33.3727

■ 33.2503, 36.3807,
15.7658

■ 40.1796, 42.6637,
41.4296

■ 32.0310, 35.0642,
11.8994

■ 42.4762, 44.5100,
50.6636

■ 30.9930, 33.8398,
8.9281

■ 45.0167, 46.4741,
61.1199

■ 30.1219, 32.7014,
6.7769

■ 47.8094, 48.5592,
72.8414

■ 29.4013, 31.6423,
5.3582

■ 50.8621, 50.7688,
85.8688

■ 28.8066, 30.6526,
4.5448

■ 54.1822, 53.1060,
100.2413

■ 28.6455, 30.3749,
4.3532

■ 55.1618, 54.5275,
102.2253

■ 55.8183, 55.8407,
102.4441

Harmonies

Analogous

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



39.7923, 39.3080, 27.1688



36.2819, 39.3080, 26.4438



33.2537, 39.3080, 29.5397

Triad

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



36.2819, 39.3080, 26.4438



32.3872, 39.3080, 56.2228



44.0244, 39.3080, 49.9851

Complementary

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



36.2819, 39.3080, 26.4438



25.9347, 25.7322, 45.1951

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.



41.7934, 39.3080, 59.5310



36.2819, 39.3080, 26.4438



35.0310, 39.3080, 63.5051

Square

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



36.2819, 39.3080, 26.4438



31.0995, 39.3080, 45.9971



38.4614, 39.3080, 64.8023



44.4113, 39.3080, 39.7541

Rectangle

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



36.2819, 39.3080, 26.4438



31.8621, 39.3080, 33.6880



38.4614, 39.3080, 64.8023



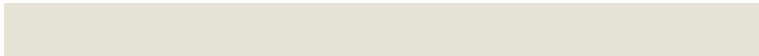
43.4589, 39.3080, 53.4220

Sweetspot

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



36.2829, 39.3098, 26.4446



71.5649, 76.0837, 72.6338



30.4975, 26.8543, 27.2434



15.3865, 16.3869, 15.2565



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.



36.2829, 39.3098, 26.4446



63.0689, 68.6313, 40.3924



34.3829, 40.6066, 26.7951



9.0742, 9.6609, 9.0390



20.7925, 22.0837, 3.1667



0.6862, 0.7587, 0.1103

Inverse Universe

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



25.9347, 25.7322, 45.1951



41.2002, 39.9435, 80.0337



27.4636, 24.8951, 44.9530



8.1526, 8.4514, 10.7079



6.1079, 3.0162, 30.3973



0.2270, 0.1646, 0.9680

Previews

White Background



This preview shows how the XYZ color 36.2819, 39.3080, 26.4438 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 36.2819, 39.3080, 26.4438 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

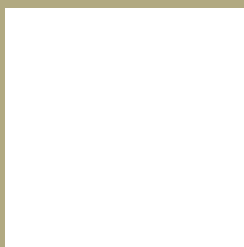
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2819, 39.3080, 26.4438

Background



This preview shows how black text looks on a background with the XYZ color 36.2819, 39.3080, 26.4438.



This preview shows how white text looks on a background with the XYZ color 36.2819, 39.3080,

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

36.2819, 39.3080, 26.4438

Protanopia

36.7875, 39.2935, 26.4144

Deuteranopia

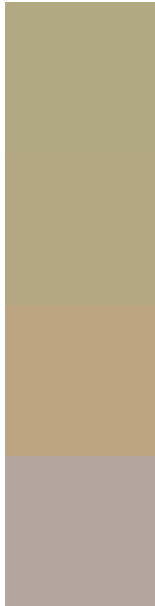
40.0430, 39.3497, 26.9575



Tritanopia

40.4621, 39.3963, 46.5459

Trichromacy



Original Color

36.2819, 39.3080, 26.4438

Protanomaly

36.5555, 39.1739, 26.4035

Deuteranomaly

38.7196, 39.4691, 26.6967

Tritanomaly

38.7692, 39.2372, 38.3311

Monochromacy



Original Color

36.2819, 39.3080, 26.4438

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5470, 38.9631, 35.7314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2819, 39.3080, 26.4438 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(177, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 129)  
}
```

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(177, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 129) }
```

Border

The CSS property to change the border of an element to XYZ 36.2819, 39.3080, 26.4438 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(177, 169, 129) }
```


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

```
.border{ border-color:rgb(177, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 169,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2819, 39.3080, 26.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 129) }
```

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

```
.background{ background-color: rgb(177,  
169, 129) }
```

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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