

Converting Colors

XYZ(33.5815, 36.8193, 26.2296)

Have a look what the booklet for
XYZ(33.5815, 36.8193, 26.2296)
contains.

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Color

**XYZ(33.5660, 36.8201,
26.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A581
RGB	168, 165, 129
RGB Percent	66%, 65%, 51%
CMY	0.3412, 0.3529, 0.4941
CMYK	0.00, 0.02, 0.23, 0.34
HSL	55°, 18%, 58%
HSV	55°, 23%, 66%
XYZ	33.5660, 36.8201, 26.1067
YIQ	161.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

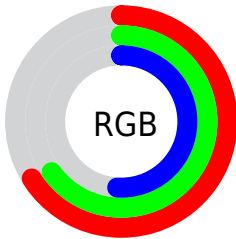
Format	Color
RYB	132, 168, 129
Decimal	11052417
CIELab	67.14, -4.95, 19.10
CIELCh	67, 19.730, 104.532
Yxy	36.8201, 0.3479, 0.3816
Android (android.graphics.Color)	4289242497 (0xFFA8A581)
YUV	161.7930, -16.1669, 5.4435
Hunter-Lab	60.6796, -7.4487, 16.9668

Details

The XYZ color **33.5660, 36.8201, 26.1067** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.3722, 23.9961, 40.3930**, and the grayscale version is **34.3154, 36.1025, 39.3156**.

A 20% lighter version of the original color is **64.7772, 70.4111, 54.4325**, and **14.5556, 16.1024, 9.9303** is the 20% darker color. If you saturate the color by 10%, you get **32.3087, 35.9479, 20.6238**, and if you desaturate by 10%, it is **35.0112, 37.7738, 32.5590**.

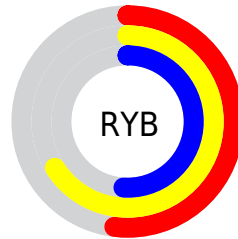
Distribution



Red (66%)

Green (65%)

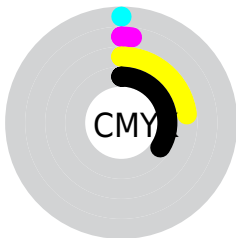
Blue (51%)



Red (52%)

Yellow (66%)

Blue (51%)

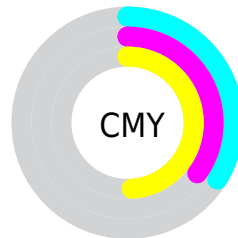


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5660, 36.8201, 26.1067 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 33.5660, 36.8201, 26.1067 by changing the saturation by 10% instead.

■ 33.5660, 36.8201,
26.1067

■ 33.5660, 36.8201,
26.1067

309.8126,
332.5310, 296.9276

■ 22.7217, 25.0682,
16.6770

■ 64.6070, 70.2960,
54.4332

■ 14.5077, 16.1279,
9.8450

■ 85.5344, 92.7888,
74.1671

■ 8.5587, 9.6147,
5.1920

■ 110.5535,
119.6308, 98.1729

■ 4.5093, 5.1443,
2.2997

140.0297,
151.2062, 126.8689

■ 1.9941, 2.3321,
0.7310

174.3284,
187.8996, 160.6739

■ 0.6306, 0.7906,
0.0000

213.8148,

■ 0.0000, 0.0000,

230.0952, 200.0063

0.0000

258.8544,
278.1776, 245.2847

■ 33.5660, 36.8201,
26.1067

■ 33.5660, 36.8201,
26.1067

■ 32.3087, 35.9479,
20.6238

■ 35.0112, 37.7738,
32.5590

■ 31.2274, 35.1485,
16.0608

■ 36.6499, 38.8074,
40.0223

■ 30.3134, 34.4198,
12.3673

■ 38.4907, 39.9256,
48.5387

■ 29.5561, 33.7575,
9.4870

■ 40.5412, 41.1314,
58.1472

■ 28.9434, 33.1568,
7.3572

■ 42.8083, 42.4277,
68.8849

■ 28.4618, 32.6122,
5.9060

■ 45.2987, 43.8172,
80.7868

■ 28.0949, 32.1172,
5.0474

■ 48.0189, 45.3024,
93.8869

■ 27.8857, 31.7993,
4.6681

■ 49.5924, 46.3327,
100.9371

■ 49.8454, 46.8387,
101.0214

Harmonies

Analogous

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



36.5607, 36.8201, 26.1593



33.5660, 36.8201, 26.1067



31.0973, 36.8201, 29.4102

Triad

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



33.5660, 36.8201, 26.1067



31.0356, 36.8201, 52.8568



40.8680, 36.8201, 44.6698

Complementary

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



33.5660, 36.8201, 26.1067



24.3722, 23.9961, 40.3930

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.



39.2086, 36.8201, 53.0871



33.5660, 36.8201, 26.1067



33.4774, 36.8201, 58.2550

Square

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



33.5660, 36.8201, 26.1067



29.6941, 36.8201, 44.3896



36.4669, 36.8201, 58.3449



40.8951, 36.8201, 36.0790

Rectangle

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



33.5660, 36.8201, 26.1067



30.0330, 36.8201, 33.3855



36.4669, 36.8201, 58.3449



40.4785, 36.8201, 47.6387

Sweetspot

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



33.5670, 36.8217, 26.1075



65.2995, 69.6693, 67.1005



28.1810, 25.6985, 25.3951



14.1960, 15.1620, 14.4589



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.5670, 36.8217, 26.1075



59.6608, 65.9606, 41.8880



30.8675, 36.2417, 26.1378



8.0968, 8.6737, 8.0367



21.0750, 24.0472, 3.5308



0.5268, 0.6131, 0.0906

Inverse Universe

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



24.3722, 23.9961, 40.3930



39.9344, 38.4459, 72.5411



26.6396, 24.5706, 40.3844



7.1764, 7.3897, 9.4665



5.4612, 2.3827, 28.1476



0.1469, 0.0860, 0.6895

Previews

White Background



This preview shows how the XYZ color 33.5660, 36.8201, 26.1067 looks on a white background.

Color Contrast Check

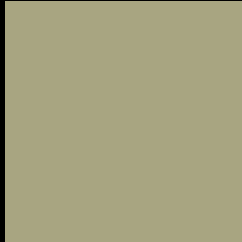
Large Text (above 18pt) WCAG AA × Fail

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 33.5660, 36.8201, 26.1067 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

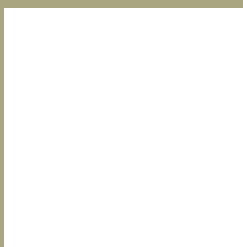
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5660, 36.8201, 26.1067

Background



This preview shows how black text looks on a background with the XYZ color 33.5660, 36.8201, 26.1067.



This preview shows how white text looks on a background with the XYZ color 33.5660, 36.8201,

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

33.5660, 36.8201, 26.1067

Protanopia

34.4490, 36.7516, 25.7002

Deuteranopia

37.3889, 36.6998, 26.5859



Tritanopia

37.0781, 36.6591, 44.1514

Trichromacy



Original Color

33.5660, 36.8201, 26.1067

Protanomaly

34.1850, 36.8801, 25.7389

Deuteranomaly

35.8915, 36.6984, 26.3109

Tritanomaly

35.5402, 36.5480, 36.6338

Monochromacy



Original Color

33.5660, 36.8201, 26.1067

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.9121, 36.2889, 34.0713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5660, 36.8201, 26.1067 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(168, 165, 129)` looks like.

```
.text, #text, p{  
    color:rgb(168, 165, 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(168, 165, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 165, 129) }
```

Border

The CSS property to change the border of an element to XYZ 33.5660, 36.8201, 26.1067 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(168, 165, 129) }
```


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

```
.border{ border-color:rgb(168, 165, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 165, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 165, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 165, 129);  
box-shadow:4px 4px 4px 4px rgb(168, 165,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5660, 36.8201, 26.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 165, 129) }
```

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

```
.background{ background-color: rgb(168,  
165, 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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