

Converting Colors

XYZ(36.4196, 41.6068, 28.6877)

Have a look what the booklet for
XYZ(36.4196, 41.6068, 28.6877)
contains.

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Color

**XYZ(36.3874, 41.6005,
28.6661)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B186
RGB	169, 177, 134
RGB Percent	66%, 69%, 53%
CMY	0.3373, 0.3059, 0.4745
CMYK	0.05, 0.00, 0.24, 0.31
HSL	71°, 22%, 61%
HSV	71°, 24%, 69%
XYZ	36.3874, 41.6005, 28.6661
YIQ	169.7060, 9.0350, -15.0690

Conversions

Conversions Part 2

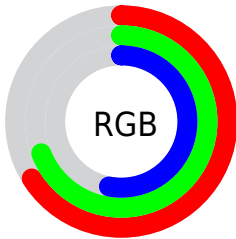
Format	Color
RYB	134, 177, 142
Decimal	11121030
CIELab	70.59, -10.20, 21.12
CIELCh	71, 23.450, 115.773
Yxy	41.6005, 0.3412, 0.3901
Android (android.graphics.Color)	4289311110 (0xFFA9B186)
YUV	169.7060, -17.6031, -0.6192
Hunter-Lab	64.4984, -12.1699, 18.7977

Details

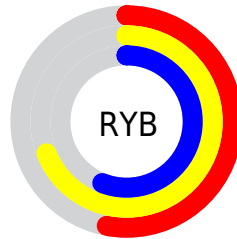
The XYZ color **36.3874, 41.6005, 28.6661** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.6178, 25.9764, 45.1556**, and the grayscale version is **38.1447, 40.1312, 43.7028**.

A 20% lighter version of the original color is **69.1599, 77.8732, 58.3996**, and **16.0103, 18.7684, 11.1663** is the 20% darker color. If you saturate the color by 10%, you get **34.5573, 40.7892, 22.6667**, and if you desaturate by 10%, it is **38.4442, 42.5073, 35.7564**.

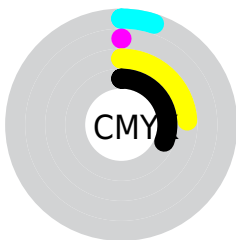
Distribution



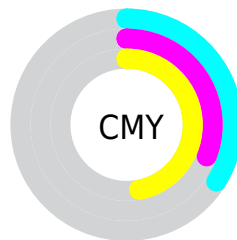
- Red (66%)
- Green (69%)
- Blue (53%)



- Red (53%)
- Yellow (69%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3874, 41.6005, 28.6661 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 36.3874, 41.6005, 28.6661 by changing the saturation by 10% instead.

■ 36.3874, 41.6005,
28.6661

■ 36.3874, 41.6005,
28.6661

322.0524,
352.8242, 309.6477

■ 24.9050, 28.7886,
18.5850

■ 68.9496, 77.5946,
58.5820

■ 16.1347, 18.9210,
11.1970

■ 90.7601, 101.5457,
79.2539

■ 9.7110, 11.6132,
6.0837

■ 116.7440,
129.9785, 104.2930

■ 5.2685, 6.4809,
2.8264

147.2667,
163.2776, 134.1181

■ 2.4420, 3.1396,
1.0067

182.6935,
201.8273, 169.1475

■ 0.8661, 1.2051,
0.0000

223.3899,

■ 0.0000, 0.0658,

246.0121, 209.7999

0.0000

269.7210,
296.2162, 256.4938

■ 0.0000, 0.0000,
0.0000

■ 36.3874, 41.6005,
28.6661

■ 36.3874, 41.6005,
28.6661

■ 34.5573, 40.7892,
22.6667

■ 38.4442, 42.5073,
35.7564

■ 32.9401, 40.0638,
17.7015

■ 40.7341, 43.5080,
43.9855

■ 31.5258, 39.4215,
13.7125

■ 43.2672, 44.6081,
53.4012

■ 30.3018, 38.8574,
10.6351

■ 46.0523, 45.8111,
64.0484

■ 29.2543, 38.3658,
8.3968

■ 49.0973, 47.1202,
75.9691

■ 28.3673, 37.9405,
6.9142

■ 52.4101, 48.5385,
89.2037

■ 27.6216, 37.5736,
6.0866

■ 55.5268, 49.8805,
101.3091

■ 27.2350, 37.3807,
5.7798

■ 56.3708, 50.3156,
101.3486

■ 57.2336, 50.7604,
101.3889

Harmonies

Analogous

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



40.0919, 41.6005, 27.1707



36.3874, 41.6005, 28.6661



33.6928, 41.6005, 34.3202

Triad

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



36.3874, 41.6005, 28.6661



35.4946, 41.6005, 65.3336



47.4476, 41.6005, 46.8874

Complementary

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



36.3874, 41.6005, 28.6661



27.6178, 25.9764, 45.1556

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.



46.0274, 41.6005, 58.3928



36.3874, 41.6005, 28.6661



38.9932, 41.6005, 70.0892

Square

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



36.3874, 41.6005, 28.6661



33.2014, 41.6005, 55.2241



42.8697, 41.6005, 67.3627



46.6380, 41.6005, 36.6351

Rectangle

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



36.3874, 41.6005, 28.6661



32.7472, 41.6005, 40.2503



42.8697, 41.6005, 67.3627



47.2127, 41.6005, 50.7465

Sweetspot

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



36.3885, 41.6023, 28.6670



71.7476, 77.3933, 74.3976



32.0916, 30.3808, 26.7275



15.4968, 16.7497, 15.9350



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.



36.3885, 41.6023, 28.6670



63.4126, 73.7271, 45.5131



32.1701, 39.4277, 28.4696



9.0389, 9.8251, 9.0726



19.7792, 27.1066, 4.1896



0.6625, 0.8736, 0.1337

Inverse Universe

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



27.6178, 25.9764, 45.1556



45.0541, 41.0124, 80.0369



31.6451, 28.0525, 45.3440



8.1847, 8.3037, 10.6777



6.2418, 2.5536, 30.3009



0.2403, 0.1030, 0.9554

Previews

White Background



This preview shows how the XYZ color 36.3874, 41.6005, 28.6661 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 36.3874, 41.6005, 28.6661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

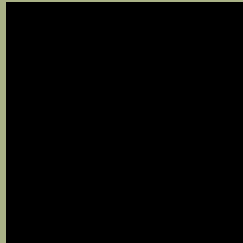
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3874, 41.6005, 28.6661

Background



This preview shows how black text looks on a background with the XYZ color 36.3874, 41.6005, 28.6661.



This preview shows how white text looks on a background with the XYZ color 36.3874, 41.6005,

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

36.3874, 41.6005, 28.6661

Protanopia

38.6845, 41.3613, 27.7744

Deuteranopia

42.1675, 41.4675, 29.0741



Tritanopia

40.9310, 41.4402, 51.1889

Trichromacy



Original Color

36.3874, 41.6005, 28.6661

Protanomaly

37.9601, 41.5493, 28.2094

Deuteranomaly

39.7342, 41.3175, 28.8025

Tritanomaly

39.0601, 41.5246, 42.0327

Monochromacy



Original Color

36.3874, 41.6005, 28.6661

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.6069, 40.8675, 37.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3874, 41.6005, 28.6661 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, 177, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 134)  
}
```

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, 177, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 134) }
```

Border

The CSS property to change the border of an element to XYZ 36.3874, 41.6005, 28.6661 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, 177, 134) }
```


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

```
.border{ border-color:rgb(169, 177, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 177, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 177, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 177, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 177,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3874, 41.6005, 28.6661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 134) }
```

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

```
.background{ background-color: rgb(169,  
177, 134) }
```

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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