

Converting Colors

XYZ(36.6773, 41.5852, 30.2441)

Have a look what the booklet for
XYZ(36.6773, 41.5852, 30.2441)
contains.

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Color

**XYZ(36.6718, 41.7143,
30.1636)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B18A
RGB	169, 177, 138
RGB Percent	66%, 69%, 54%
CMY	0.3373, 0.3059, 0.4588
CMYK	0.05, 0.00, 0.22, 0.31
HSL	72°, 20%, 62%
HSV	72°, 22%, 69%
XYZ	36.6718, 41.7143, 30.1636
YIQ	170.1620, 7.7510, -13.8250

Conversions

Conversions Part 2

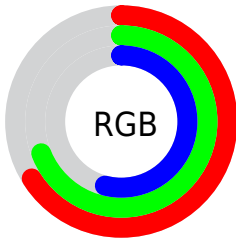
Format	Color
RYB	138, 177, 146
Decimal	11121034
CIELab	70.67, -9.59, 19.06
CIELCh	71, 21.337, 116.717
Yxy	41.7143, 0.3378, 0.3843
Android (android.graphics.Color)	4289311114 (0xFFA9B18A)
YUV	170.1620, -15.8559, -1.0191
Hunter-Lab	64.5866, -11.6756, 17.5207

Details

The XYZ color **36.6718, 41.7143, 30.1636** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.8800, 27.4634, 45.3761**, and the grayscale version is **38.3641, 40.3620, 43.9543**.

A 20% lighter version of the original color is **69.3938, 77.9309, 61.2539**, and **16.3052, 18.9018, 12.0216** is the 20% darker color. If you saturate the color by 10%, you get **34.7253, 40.8483, 23.9196**, and if you desaturate by 10%, it is **38.8511, 42.6787, 37.5105**.

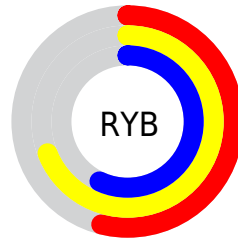
Distribution



Red (66%)

Green (69%)

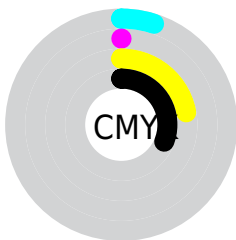
Blue (54%)



Red (54%)

Yellow (69%)

Blue (57%)

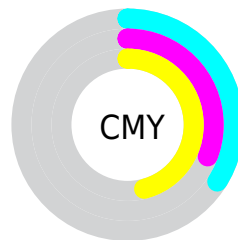


Cyan (5%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (34%)


Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6718, 41.7143, 30.1636 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 36.6718, 41.7143, 30.1636 by changing the saturation by 10% instead.

 36.6718, 41.7143,
30.1636


 36.6718, 41.7143,
30.1636


323.2677,
353.2972, 316.8973


 25.1260, 28.8776,
19.7097


 69.3848, 77.7670,
60.9849

 16.3002, 18.9883,
12.0022


 91.2828, 101.7519,
82.1893

 9.8290, 11.6618,
6.6226


 117.3621,
130.2217, 107.8143

 5.3471, 6.5138,
3.1524

147.9883,
163.5607, 138.2785

 2.4892, 3.1600,
1.1730

183.5265,
202.1534, 174.0003

 0.8898, 1.2158,
0.0000

224.3423,

 0.0000, 0.0746,

246.3841, 215.3984

0.0000

270.8009,
296.6372, 262.8912

■ 0.0000, 0.0000,
0.0000

■ 36.6718, 41.7143,
30.1636

■ 36.6718, 41.7143,
30.1636

■ 34.7253, 40.8483,
23.9196

■ 38.8511, 42.6787,
37.5105

■ 32.9979, 40.0711,
18.7224

■ 41.2694, 43.7398,
46.0071

■ 31.4797, 39.3799,
14.5155

■ 43.9369, 44.9032,
55.7010

■ 30.1585, 38.7700,
11.2355

■ 46.8620, 46.1721,
66.6362

■ 29.0206, 38.2359,
8.8120

■ 50.0530, 47.5500,
78.8545

■ 28.0507, 37.7714,
7.1644

■ 53.5174, 49.0398,
92.3956

■ 27.2303, 37.3690,
6.1967

■ 56.1309, 50.1919,
101.3373

■ 26.6534, 37.0808,
5.7525

■ 57.0773, 50.6798,
101.3816

■ 58.0467, 51.1796,
101.4270

Harmonies

Analogous

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



40.0385, 41.7143, 28.6335



36.6718, 41.7143, 30.1636



34.2360, 41.7143, 35.5578

Triad

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



36.6718, 41.7143, 30.1636



36.0358, 41.7143, 63.7025



46.8244, 41.7143, 46.5431

Complementary

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



36.6718, 41.7143, 30.1636



28.8800, 27.4634, 45.3761

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.



45.6026, 41.7143, 56.9549



36.6718, 41.7143, 30.1636



39.2604, 41.7143, 67.7437

Square

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



36.6718, 41.7143, 30.1636



33.8845, 41.7143, 54.7401



42.7814, 41.7143, 65.1088



46.0310, 41.7143, 37.2224

Rectangle

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



36.6718, 41.7143, 30.1636



33.3973, 41.7143, 41.0947



42.7814, 41.7143, 65.1088



46.6340, 41.7143, 50.0382

Sweetspot

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



36.6729, 41.7161, 30.1645



71.6512, 77.3436, 74.3930



32.9684, 31.6795, 28.4225



15.4743, 16.7380, 15.9339



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.



36.6729, 41.7161, 30.1645



64.0886, 74.0024, 48.8520



32.8336, 39.7369, 29.9848



9.0229, 9.8169, 9.0718



19.3611, 26.8911, 4.1701



0.6524, 0.8684, 0.1332

Inverse Universe

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



28.8800, 27.4634, 45.3761



47.8648, 44.3251, 80.5281



32.6052, 29.3838, 45.5505



8.1995, 8.3114, 10.6784



6.3269, 2.5974, 30.3049



0.2464, 0.1061, 0.9557

Previews

White Background



This preview shows how the XYZ color 36.6718, 41.7143, 30.1636 looks on a white background.

Color Contrast Check

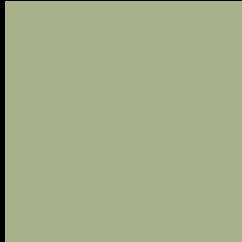
Large Text (above 18pt) WCAG AA × Fail

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 36.6718, 41.7143, 30.1636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

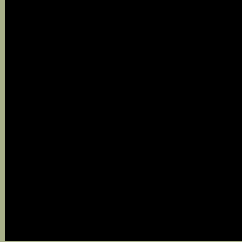
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

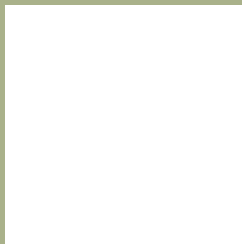
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6718, 41.7143, 30.1636

Background



This preview shows how black text looks on a background with the XYZ color 36.6718, 41.7143, 30.1636.



This preview shows how white text looks on a background with the XYZ color 36.6718, 41.7143,

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

36.6718, 41.7143, 30.1636

Protanopia

38.9636, 41.4730, 29.2440

Deuteranopia

42.4572, 41.5834, 30.5996



Tritanopia

40.8938, 41.7005, 51.2411

Trichromacy



Original Color

36.6718, 41.7143, 30.1636

Protanomaly

38.2418, 41.6620, 29.6929

Deuteranomaly

40.0212, 41.4323, 30.3140

Tritanomaly

39.1522, 41.5614, 42.5178

Monochromacy



Original Color

36.6718, 41.7143, 30.1636

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.6927, 40.9018, 38.2560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6718, 41.7143, 30.1636 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 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(169, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 138) }
```

Border

The CSS property to change the border of an element to XYZ 36.6718, 41.7143, 30.1636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

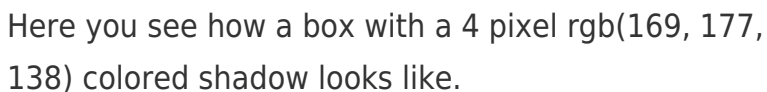
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 177, 138) }
```


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

```
.border{ border-color:rgb(169, 177, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 177, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 177, 138); box-shadow:4px 4px 4px 4px rgb(169, 177, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6718, 41.7143, 30.1636 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, 138) }
```

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

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