

Converting Colors

XYZ(36.9376, 41.8403, 35.4716)

Have a look what the booklet for
XYZ(36.9376, 41.8403, 35.4716)
contains.

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Color

**XYZ(36.8251, 41.6780,
35.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B197
RGB	165, 177, 151
RGB Percent	65%, 69%, 59%
CMY	0.3529, 0.3059, 0.4078
CMYK	0.07, 0.00, 0.15, 0.31
HSL	88°, 14%, 64%
HSV	88°, 15%, 69%
XYZ	36.8251, 41.6780, 35.3819
YIQ	170.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

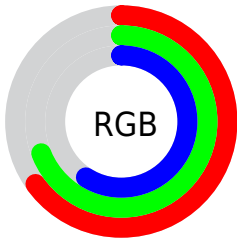
Format	Color
RYB	151, 177, 163
Decimal	10858903
CIELab	70.65, -8.98, 11.89
CIElCh	71, 14.901, 127.048
Yxy	41.6780, 0.3234, 0.3660
Android (android.graphics.Color)	4289048983 (0xFFA5B197)
YUV	170.4480, -9.5879, -4.7779
Hunter-Lab	64.5585, -11.1584, 12.6965

Details

The XYZ color **36.8251, 41.6780, 35.3819** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1083, 33.0952, 46.1875**, and the grayscale version is **38.4791, 40.4830, 44.0860**.

A 20% lighter version of the original color is **69.6736, 77.9012, 69.1219**, and **16.3180, 18.8461, 14.8342** is the 20% darker color. If you saturate the color by 10%, you get **33.8489, 40.2988, 28.2939**, and if you desaturate by 10%, it is **40.1280, 43.2032, 43.6136**.

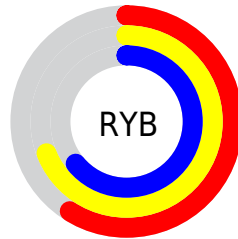
Distribution



Red (65%)

Green (69%)

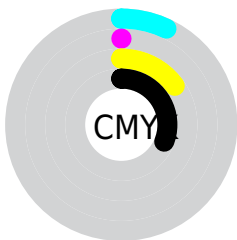
Blue (59%)



Red (59%)

Yellow (69%)

Blue (64%)

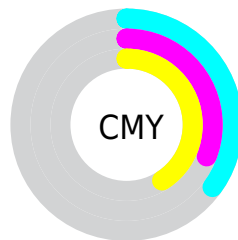


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (35%)

Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8251, 41.6780, 35.3819 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 36.8251, 41.6780, 35.3819 by changing the saturation by 10% instead.


 36.8251, 41.6780,
35.3819


 36.8251, 41.6780,
35.3819


323.9214,
353.1464, 341.2062

 25.2452, 28.8492,
23.6713


 69.6193, 77.7121,
69.2352

 16.3895, 18.9668,
14.8800

 91.5642, 101.6861,
92.2151

 9.8928, 11.6463,
8.5895


117.6949,
130.1441, 119.7884

 5.3896, 6.5033,
4.3813

148.3766,
163.4704, 152.3737

 2.5147, 3.1535,
1.8368

183.9748,
202.0494, 190.3896

 0.9027, 1.2124,
0.4520

224.8547,

 0.0000, 0.0718,

246.2654, 234.2546

0.0000

271.3818,
296.5030, 284.3873

■ 0.0000, 0.0000,
0.0000

■ 36.8251, 41.6780,
35.3819

■ 36.8251, 41.6780,
35.3819

■ 33.8489, 40.2988,
28.2939

■ 40.1280, 43.2032,
43.6136

■ 31.1845, 39.0552,
22.2962

■ 43.7653, 44.8735,
53.0337

■ 28.8205, 37.9439,
17.3355


■ 47.7483, 46.6952,
63.6878


■ 26.7437, 36.9593,
13.3525


■ 52.0871, 48.6723,
75.6184


■ 24.9396, 36.0953,
10.2822


■ 56.7910, 50.8089,
88.8658


 23.3919, 35.3452,
8.0518


 61.5123, 52.9661,
101.5892


 22.0825, 34.7014,
6.5771

 63.9577, 54.2268,
101.7036

 20.9895, 34.1550,
5.7562

 66.5245, 55.5500,
101.8237

 20.4730, 33.8947,
5.4633

 69.2142, 56.9366,
101.9496

Harmonies

Analogous

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



39.0348, 41.6780, 33.1934



36.8251, 41.6780, 35.3819



35.4059, 41.6780, 40.2880

Triad

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



36.8251, 41.6780, 35.3819



37.7933, 41.6780, 59.0684



44.5082, 41.6780, 43.7344

Complementary

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



36.8251, 41.6780, 35.3819



34.1083, 33.0952, 46.1875

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.



44.1423, 41.6780, 50.8845



36.8251, 41.6780, 35.3819



40.1983, 41.6780, 60.2353

Square

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



36.8251, 41.6780, 35.3819



35.9485, 41.6780, 54.0632



42.5396, 41.6780, 57.1043



43.5199, 41.6780, 37.6807

Rectangle

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



36.8251, 41.6780, 35.3819



35.0646, 41.6780, 44.6844



42.5396, 41.6780, 57.1043



44.5402, 41.6780, 46.0833

Sweetspot

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



36.8262, 41.6798, 35.3828



72.2517, 77.5497, 79.0931



36.7629, 37.6710, 34.6124



15.5583, 16.7603, 16.8866



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.



36.8262, 41.6798, 35.3828



63.9565, 73.7197, 58.5429



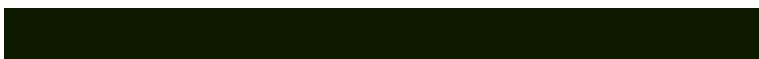
34.3144, 40.3849, 35.2653



8.8114, 9.7078, 9.0619



14.9033, 24.5930, 3.9614



0.5353, 0.8080, 0.1278

Inverse Universe

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



34.1083, 33.0952, 46.1875



58.0414, 55.0356, 82.0591



36.8407, 34.5038, 46.3154



8.4023, 8.4159, 10.6879



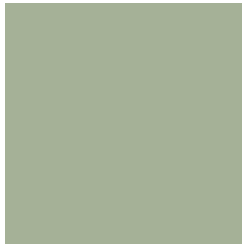
8.3211, 3.6255, 30.3982



0.3294, 0.1489, 0.9596

Previews

White Background



This preview shows how the XYZ color 36.8251, 41.6780, 35.3819 looks on a white background.

Color Contrast Check

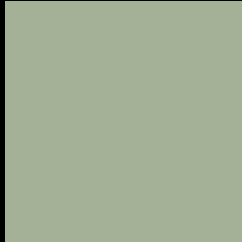
Large Text (above 18pt) WCAG AA × Fail

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 36.8251, 41.6780, 35.3819 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 36.8251, 41.6780, 35.3819

Background



This preview shows how black text looks on a background with the XYZ color 36.8251, 41.6780, 35.3819.



This preview shows how white text looks on a background with the XYZ color 36.8251, 41.6780,

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

36.8251, 41.6780, 35.3819

Protanopia

39.2334, 41.4987, 34.3760

Deuteranopia

42.1509, 41.3081, 35.8887



Tritanopia

40.1930, 41.5963, 52.3649

Trichromacy



Original Color

36.8251, 41.6780, 35.3819

Protanomaly

38.3203, 41.5881, 34.8618

Deuteranomaly

40.0498, 41.3307, 35.5725

Tritanomaly

38.8273, 41.6141, 45.5211

Monochromacy



Original Color

36.8251, 41.6780, 35.3819

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7029, 40.8563, 40.5492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8251, 41.6780, 35.3819 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(165, 177, 151)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 151)  
}
```

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(165, 177, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 151) }
```

Border

The CSS property to change the border of an element to XYZ 36.8251, 41.6780, 35.3819 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(165, 177, 151) }
```


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

```
.border{ border-color:rgb(165, 177, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 177, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 151);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8251, 41.6780, 35.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 151) }
```

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

```
.background{ background-color: rgb(165,  
177, 151) }
```

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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