

Converting Colors

XYZ(36.5360, 38.0684, 41.5593)

Have a look what the booklet for
XYZ(36.5360, 38.0684, 41.5593)
contains.

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Color

**XYZ(36.4865, 37.9883,
41.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A5A6
RGB	168, 165, 166
RGB Percent	66%, 65%, 65%
CMY	0.3412, 0.3529, 0.3490
CMYK	0.00, 0.02, 0.01, 0.34
HSL	340°, 2%, 65%
HSV	340°, 2%, 66%
XYZ	36.4865, 37.9883, 41.4858
YIQ	166.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

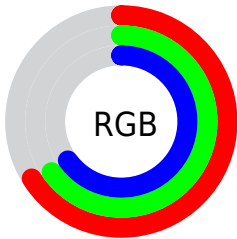
Format	Color
RYB	168, 165, 166
Decimal	11052454
CIELab	68.01, 1.27, -0.14
CIELCh	68, 1.273, 353.532
Yxy	37.9883, 0.3146, 0.3276
Android (android.graphics.Color)	4289242534 (0xFFA8A5A6)
YUV	166.0110, -0.0054, 1.7444
Hunter-Lab	61.6346, -2.1921, 3.2366

Details

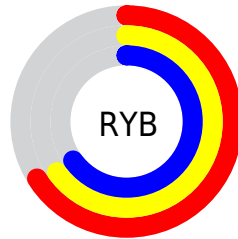
The XYZ color **36.4865, 37.9883, 41.4858** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4962, 38.7956, 42.1259**, and the grayscale version is **36.2513, 38.1392, 41.5335**.

A 20% lighter version of the original color is **69.0758, 72.0948, 78.6816**, and **16.1448, 16.7382, 18.2995** is the 20% darker color. If you saturate the color by 10%, you get **32.6694, 31.9283, 35.3588**, and if you desaturate by 10%, it is **40.7935, 44.8835, 48.2194**.

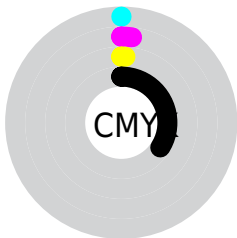
Distribution



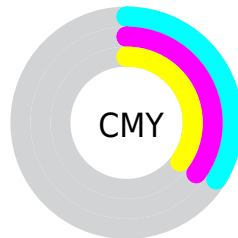
- Red (66%)
- Green (65%)
- Blue (65%)



- Red (66%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (34%)



- Cyan (34%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4865, 37.9883, 41.4858 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 36.4865, 37.9883, 41.4858 by changing the saturation by 10% instead.

■ 36.4865, 37.9883,
41.4858

■ 36.4865, 37.9883,
41.4858

322.4763,
337.5698, 368.0835

■ 24.9820, 25.9736,
28.3763

■ 69.1013, 72.0902,
78.6825

■ 16.1923, 16.8039,
18.3680

■ 90.9423, 94.9462,
103.6067

■ 9.7521, 10.0948,
11.0424

116.9595,
122.1848, 133.3064

■ 5.2959, 5.4618,
5.9808

147.5183,
154.1903, 168.1999

■ 2.4584, 2.5207,
2.7648

182.9840,
191.3471, 208.7058

■ 0.8743, 0.8870,
0.9758

223.7220,

■ 0.0000, 0.0000,

234.0398, 255.2427

0.0000

270.0976,
282.6525, 308.2291

■ 36.4865, 37.9883,
41.4858

■ 36.4865, 37.9883,
41.4858

■ 32.6694, 31.9283,
35.3588

■ 40.7935, 44.8835,
48.2194

■ 29.3212, 26.6670,
29.8189

■ 45.6040, 52.6391,
55.5735

■ 26.4244, 22.1723,
24.8488

■ 50.9349, 61.2851,
63.5647

■ 23.9588, 18.4079,
20.4298

■ 56.8015, 70.8488,
72.2083

■ 21.9028, 15.3349,
16.5417

■ 63.2183, 81.3562,
81.5188

■ 20.2330, 12.9105,
13.1633

■ 66.6550, 85.7435,
90.3291

■ 18.9231, 11.0871,
10.2718

■ 68.3107, 86.4058,
99.0479

■ 17.9437, 9.8105,
7.8422

■ 69.9586, 87.0649,
107.7257

■ 17.2601, 9.0166,
5.8469

Harmonies

Analogous

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



36.4139, 37.9883, 42.0145



36.4865, 37.9883, 41.4858



36.4571, 37.9883, 40.9288

Triad

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



36.4865, 37.9883, 41.4858



35.9549, 37.9883, 40.3708



35.8808, 37.9883, 42.2462

Complementary

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



36.4865, 37.9883, 41.4858



36.4962, 38.7956, 42.1259

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.



35.7587, 37.9883, 41.7998



36.4865, 37.9883, 41.4858



35.8013, 37.9883, 40.7179

Square

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



36.4865, 37.9883, 41.4858



36.1497, 37.9883, 40.2884



35.7296, 37.9883, 41.2400



36.0639, 37.9883, 42.4561

Rectangle

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



36.4865, 37.9883, 41.4858



36.3836, 37.9883, 40.6161



35.7296, 37.9883, 41.2400



35.8313, 37.9883, 42.1186

Sweetspot

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



36.4876, 37.9899, 41.4866



66.7777, 69.8409, 76.1787



36.4606, 37.9547, 42.4505



14.5640, 15.2372, 16.6184



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.



36.4876, 37.9899, 41.4866



66.0253, 68.6409, 74.9880



36.4867, 38.1340, 41.0369



8.2846, 8.6220, 9.4166



12.7533, 6.5100, 3.5125



0.3339, 0.1678, 0.2097

Inverse Universe

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



36.4876, 37.9899, 41.4866



66.0253, 68.6409, 74.9880



36.4967, 38.6485, 42.5826



8.2846, 8.6220, 9.4166



12.7533, 6.5100, 3.5125



0.3339, 0.1678, 0.2097

Previews

White Background



This preview shows how the XYZ color 36.4865, 37.9883, 41.4858 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 36.4865, 37.9883, 41.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

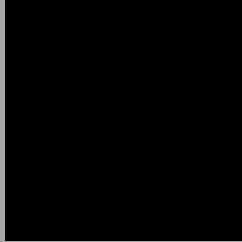
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

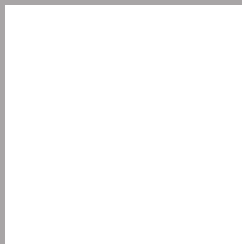
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4865, 37.9883, 41.4858

Background



This preview shows how black text looks on a background with the XYZ color 36.4865, 37.9883, 41.4858.



This preview shows how white text looks on a background with the XYZ color 36.4865, 37.9883,

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

36.4865, 37.9883, 41.4858

Protanopia

36.4865, 37.9883, 41.4858

Deuteranopia

38.6019, 37.7554, 41.8122



Tritanopia

37.5112, 37.8750, 46.4079

Trichromacy



Original Color

36.4865, 37.9883, 41.4858

Protanomaly

36.4865, 37.9883, 41.4858

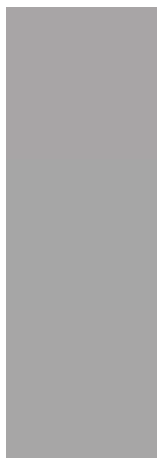
Deuteranomaly

37.7999, 37.8608, 41.8748

Tritanomaly

37.0840, 37.9645, 44.4031

Monochromacy



Original Color

36.4865, 37.9883, 41.4858

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.4555, 38.2411, 41.5363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4865, 37.9883, 41.4858 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, 166) looks like.

```
.text, #text, p{  
    color:rgb(168, 165, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.4865, 37.9883, 41.4858 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, 166) }
```


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

```
.border{ border-color:rgb(168, 165, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(168, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4865, 37.9883, 41.4858 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, 166) }
```

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

```
.background{ background-color: rgb(168,  
165, 166) }
```

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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