

Converting Colors

XYZ(36.8869, 37.9116, 30.1845)

Have a look what the booklet for
XYZ(36.8869, 37.9116, 30.1845)
contains.

XYZ(36.8869, 37.9116, 30.1845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.8869, 37.9116,
30.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A38C
RGB	181, 163, 140
RGB Percent	71%, 64%, 55%
CMY	0.2902, 0.3608, 0.4510
CMYK	0.00, 0.10, 0.23, 0.29
HSL	34°, 22%, 63%
HSV	34°, 23%, 71%
XYZ	36.8869, 37.9116, 30.1845
YIQ	165.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

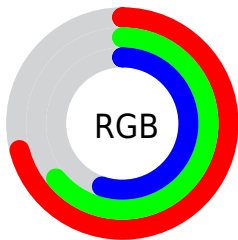
Format	Color
R_{YB}	172, 181, 140
Decimal	11903884
CIE _{Lab}	67.96, 2.83, 14.34
CIE _{LCh}	68, 14.620, 78.825
Yxy	37.9116, 0.3514, 0.3611
Android (android.graphics.Color)	4290093964 (0xFFB5A38C)
YUV	165.7600, -12.6997, 13.3655
Hunter-Lab	61.5724, -0.8156, 14.0351

Details

The XYZ color **36.8869, 37.9116, 30.1845** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3824, 33.3646, 48.5023**, and the grayscale version is **36.1837, 38.0681, 41.4561**.

A 20% lighter version of the original color is **69.7341, 72.0424, 61.2691**, and **16.4320, 16.6963, 12.0295** is the 20% darker color. If you saturate the color by 10%, you get **34.2942, 34.6891, 23.2685**, and if you desaturate by 10%, it is **39.7898, 41.4026, 38.2879**.

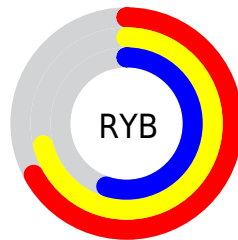
Distribution



Red (71%)

Green (64%)

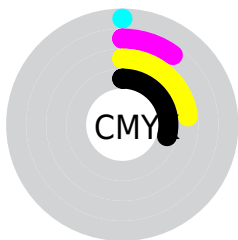
Blue (55%)



Red (67%)

Yellow (71%)

Blue (55%)

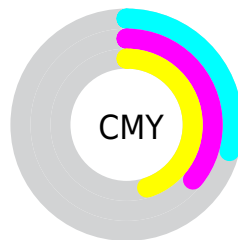


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8869, 37.9116, 30.1845 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 36.8869, 37.9116, 30.1845 by changing the saturation by 10% instead.

■ 36.8869, 37.9116,
30.1845

■ 36.8869, 37.9116,
30.1845

324.1846,
337.2406, 316.9975

■ 25.2932, 25.9141,
19.7254

■ 69.7138, 71.9726,
61.0183

■ 16.4255, 16.7594,
12.0135

■ 91.6776, 94.8049,
82.2301

■ 9.9185, 10.0631,
6.6302

■ 117.8290,
122.0176, 107.8632

■ 5.4068, 5.4408,
3.1570

148.5331,
153.9951, 138.3362

■ 2.5251, 2.5081,
1.1754

184.1554,
191.1217, 174.0676

■ 0.9079, 0.8807,
0.0000

225.0611,

■ 0.0000, 0.0000,

233.7819, 215.4759

0.0000

271.6158,
282.3601, 262.9797

■ 36.8869, 37.9116,
30.1845

■ 36.8869, 37.9116,
30.1845

■ 34.2942, 34.6891,
23.2685

■ 39.7898, 41.4026,
38.2879

■ 31.9964, 31.7225,
17.4805

■ 43.0115, 45.1641,
47.6295

■ 29.9812, 29.0055,
12.7596

■ 46.5638, 49.2047,
58.2600

■ 28.2341, 26.5296,
9.0379

■ 50.4572, 53.5309,
70.2264

■ 26.7390, 24.2855,
6.2398

■ 54.7015, 58.1489,
83.5736

■ 25.4779, 22.2631,
4.2786

■ 59.3061, 63.0648,
98.3441

■ 24.4294, 20.4508,
3.0509

■ 62.3381, 67.5077,
104.3525

■ 23.7637, 19.2389,
2.4610

■ 64.4558, 71.7430,
105.0583

■ 66.6736, 76.1788,
105.7976

Harmonies

Analogous

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



38.9863, 37.9116, 32.5624



36.8869, 37.9116, 30.1845



34.6429, 37.9116, 30.5364

Triad

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



36.8869, 37.9116, 30.1845



32.0562, 37.9116, 45.4482



39.4221, 37.9116, 50.0735

Complementary

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



36.8869, 37.9116, 30.1845



31.3824, 33.3646, 48.5023

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.



37.4615, 37.9116, 54.2856



36.8869, 37.9116, 30.1845



33.2344, 37.9116, 51.4276

Square

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



36.8869, 37.9116, 30.1845



31.9169, 37.9116, 38.9024



35.1940, 37.9116, 54.8057



40.4904, 37.9116, 43.7511

Rectangle

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



36.8869, 37.9116, 30.1845



33.3646, 37.9116, 32.2817



35.1940, 37.9116, 54.8057



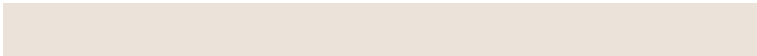
38.8418, 37.9116, 51.8104

Sweetspot

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



36.8879, 37.9133, 30.1853



74.3836, 77.8182, 77.5518



34.6449, 31.0646, 36.7217



16.0041, 16.7343, 16.5505



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.8879, 37.9133, 30.1853



63.7680, 65.0716, 47.8563



39.8367, 44.5193, 31.3050



8.8786, 9.2697, 8.9738



16.4521, 13.4028, 1.7199



0.5745, 0.5355, 0.0731

Inverse Universe

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



31.3824, 33.3646, 48.5023



52.2260, 55.5369, 86.2617



28.8830, 27.8481, 47.5693



8.3386, 8.8235, 10.7699



7.7663, 6.3329, 30.9500



0.3028, 0.3162, 0.9933

Previews

White Background



This preview shows how the XYZ color 36.8869, 37.9116, 30.1845 looks on a white background.

Color Contrast Check

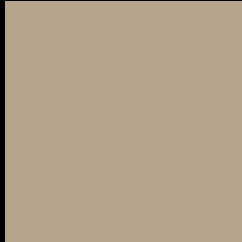
Large Text (above 18pt) WCAG AA × Fail

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 36.8869, 37.9116, 30.1845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

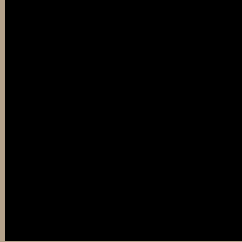
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

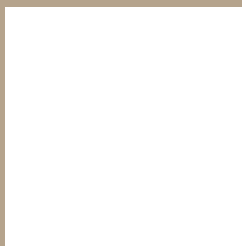
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.8869, 37.9116, 30.1845

Background



This preview shows how black text looks on a background with the XYZ color 36.8869, 37.9116, 30.1845.



This preview shows how white text looks on a background with the XYZ color 36.8869, 37.9116,

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

36.8869, 37.9116, 30.1845

Protanopia

35.7184, 37.8320, 30.6191

Deuteranopia

38.6917, 37.7957, 30.4553



Tritanopia

39.7564, 38.0508, 43.7772

Trichromacy



Original Color

36.8869, 37.9116, 30.1845

Protanomaly

36.2146, 37.8211, 30.5908

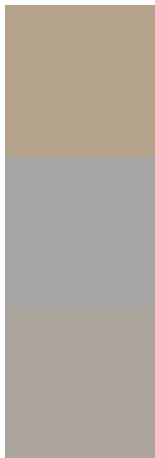
Deuteranomaly

37.8720, 37.6295, 30.4664

Tritanomaly

38.6831, 37.8700, 38.5285

Monochromacy



Original Color

36.8869, 37.9116, 30.1845

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3355, 38.0025, 37.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8869, 37.9116, 30.1845 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(181, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 140)  
}
```

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(181, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 140) }
```

Border

The CSS property to change the border of an element to XYZ 36.8869, 37.9116, 30.1845 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(181, 163, 140) }
```


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

```
.border{ border-color:rgb(181, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 163, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 163, 140); box-shadow:4px 4px 4px 4px rgb(181, 163, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8869, 37.9116, 30.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 140) }
```

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

```
.background{ background-color: rgb(181,  
163, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor