

Converting Colors

XYZ(35.9719, 36.1698, 31.0500)

Have a look what the booklet for
XYZ(35.9719, 36.1698, 31.0500)
contains.

XYZ(36.0072, 36.1402, 31.0646)	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(36.0072, 36.1402,
31.0646)**

Conversions

Conversions Part 1	
Format	Color
Hex	B49E8F
RGB	180, 158, 143
RGB Percent	71%, 62%, 56%
CMY	0.2941, 0.3804, 0.4392
CMYK	0.00, 0.12, 0.21, 0.29
HSL	24°, 20%, 63%
HSV	24°, 21%, 71%
XYZ	36.0072, 36.1402, 31.0646
YIQ	162.8680, 17.9270, -0.0010

Conversions

Conversions Part 2

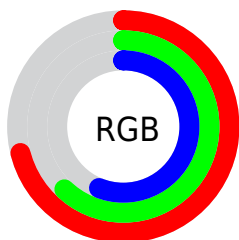
Format	Color
RYB	180, 168, 143
Decimal	11837071
CIELab	66.63, 5.64, 10.80
CIELCh	67, 12.180, 62.430
Yxy	36.1402, 0.3489, 0.3502
Android (android.graphics.Color)	4290027151 (0xFFB49E8F)
YUV	162.8680, -9.7949, 15.0248
Hunter-Lab	60.1167, 1.7092, 11.4443

Details

The XYZ color **36.0072, 36.1402, 31.0646** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0208, 36.0444, 48.3972**, and the grayscale version is **34.7901, 36.6019, 39.8595**.

A 20% lighter version of the original color is **68.4644, 69.4526, 62.6206**, and **15.9859, 15.8177, 12.5665** is the 20% darker color. If you saturate the color by 10%, you get **33.0052, 32.1460, 23.8677**, and if you desaturate by 10%, it is **39.3889, 40.5431, 39.4684**.

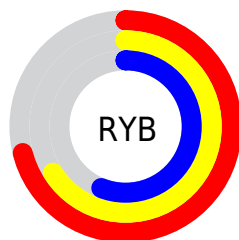
Distribution



Red (71%)

Green (62%)

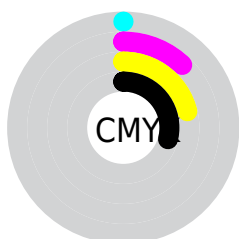
Blue (56%)



Red (71%)

Yellow (66%)

Blue (56%)

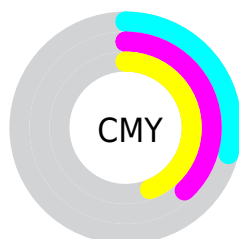


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0072, 36.1402, 31.0646 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 36.0072, 36.1402, 31.0646 by changing the saturation by 10% instead.


 36.0072, 36.1402,
31.0646


 36.0072, 36.1402,
31.0646


320.4227,
329.5729, 321.1962

 24.6099, 24.5425,
20.3892


 68.3670, 69.2484,
62.4225

 15.9138, 15.7365,
12.4914


 90.0602, 91.5277,
83.9421

 9.5537, 9.3379,
6.9527


115.9160,
118.1363, 109.9135

 5.1640, 4.9622,
3.3545

146.2999,
149.4586, 140.7552

 2.3796, 2.2251,
1.2784

181.5771,
185.8790, 176.8858

 0.8349, 0.7336,
0.0440

222.1131,


 0.0000, 0.0000,


227.7820, 218.7238


0.0000


268.2732,
275.5518, 266.6878


 36.0072, 36.1402,
31.0646


 36.0072, 36.1402,
31.0646

 33.0052, 32.1460,
23.8677


 39.3889, 40.5431,
39.4684


 30.3657, 28.5434,
17.8192


 43.1611, 45.3615,
49.1294


 28.0740, 25.3212,
12.8593


 47.3375, 50.6082,
60.0976


 26.1135, 22.4655,
8.9214


 51.9305, 56.2939,
72.4198

 24.4659, 19.9619,
5.9318


 56.9518, 62.4288,
86.1403


 23.1107, 17.7943,
3.8068


 62.4126, 69.0230,
101.3014

 22.0244, 15.9453,
2.4473

 65.9864, 75.1512,
105.6355

 21.2044, 14.4672,
1.6748

 69.1068, 81.3919,
106.6756

 72.4140, 88.0063,
107.7780

Harmonies

Analogous

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



37.4114, 36.1402, 34.1823



36.0072, 36.1402, 31.0646



34.2009, 36.1402, 30.1035

Triad

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



36.0072, 36.1402, 31.0646



30.9481, 36.1402, 39.7801



36.2750, 36.1402, 48.4989

Complementary

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



36.0072, 36.1402, 31.0646



33.0208, 36.0444, 48.3972

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.



34.4998, 36.1402, 50.3203



36.0072, 36.1402, 31.0646



31.4607, 36.1402, 45.0151

Square

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



36.0072, 36.1402, 31.0646



31.3199, 36.1402, 34.8617



32.7448, 36.1402, 48.9926



37.5698, 36.1402, 44.2091

Rectangle

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



36.0072, 36.1402, 31.0646



33.0230, 36.1402, 30.7391



32.7448, 36.1402, 48.9926



35.7125, 36.1402, 49.4366

Sweetspot

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



36.0082, 36.1418, 31.0654



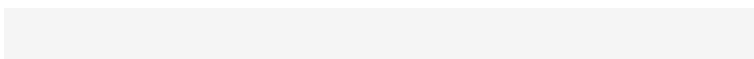
74.3763, 77.3082, 79.0765



35.4550, 32.0726, 40.0152



15.9821, 16.5897, 16.8529



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.



36.0082, 36.1418, 31.0654



62.5529, 61.9116, 49.7016



39.3649, 42.8553, 32.1843



8.7699, 9.0522, 8.9376



14.8618, 10.2221, 1.1898



0.5256, 0.4376, 0.0568

Inverse Universe

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



33.0208, 36.0444, 48.3972



56.0798, 61.6972, 87.2476



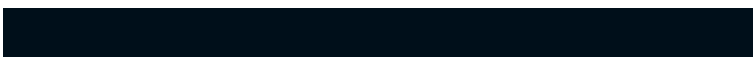
29.9535, 29.9097, 47.3747



8.4479, 9.0419, 10.8063



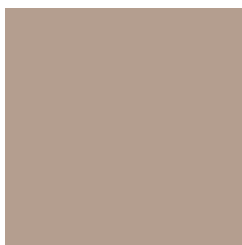
9.4873, 9.7750, 31.5237



0.3540, 0.4185, 1.0104

Previews

White Background



This preview shows how the XYZ color 36.0072, 36.1402, 31.0646 looks on a white background.

Color Contrast Check

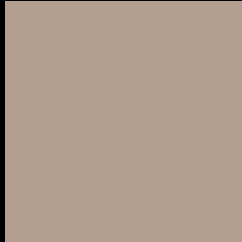
Large Text (above 18pt) WCAG AA × Fail

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 36.0072, 36.1402, 31.0646 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 36.0072, 36.1402, 31.0646

Background



This preview shows how black text looks on a background with the XYZ color 36.0072, 36.1402, 31.0646.



This preview shows how white text looks on a background with the XYZ color 36.0072, 36.1402,

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

36.0072, 36.1402, 31.0646

Protanopia

34.3934, 36.3200, 31.9858

Deuteranopia

36.8540, 36.0744, 31.0072



Tritanopia
38.2248, 36.3000, 41.5511

Trichromacy



Original Color
36.0072, 36.1402, 31.0646

Protanomaly
35.0125, 36.3876, 31.5637

Deuteranomaly
36.5433, 36.1644, 31.0410

Tritanomaly
37.3514, 36.1906, 37.3646

Monochromacy



Original Color
36.0072, 36.1402, 31.0646

Achromatopsia
34.8123, 36.6253, 39.8849

Achromatomaly
35.1078, 36.3251, 36.6135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0072, 36.1402, 31.0646 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(180, 158, 143) looks like.

```
.text, #text, p{  
    color:rgb(180, 158, 143)  
}
```

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(180, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 158, 143) }
```

Border

The CSS property to change the border of an element to XYZ 36.0072, 36.1402, 31.0646 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(180, 158, 143) }
```


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

```
.border{ border-color:rgb(180, 158, 143) }
```

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

Here you see how a box with a 4 pixel rgb(180, 158, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(180, 158,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0072, 36.1402, 31.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 158, 143) }
```

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

```
.background{ background-color: rgb(180,  
158, 143) }
```

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