

Converting Colors

XYZ(36.5037, 36.0132, 36.9268)

Have a look what the booklet for
XYZ(36.5037, 36.0132, 36.9268)
contains.

XYZ(36.5029, 36.0132, 36.9256)	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(36.5029, 36.0132,
36.9256)**

Conversions

Conversions Part 1

Format	Color
Hex	B29D9D
RGB	178, 157, 157
RGB Percent	70%, 62%, 62%
CMY	0.3020, 0.3843, 0.3843
CMYK	0.00, 0.12, 0.12, 0.30
HSL	0°, 12%, 66%
HSV	0°, 12%, 70%
XYZ	36.5029, 36.0132, 36.9256
YIQ	163.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

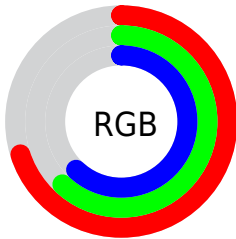
Format	Color
R _Y B	178, 157, 157
Decimal	11705757
CIE Lab	66.53, 7.71, 2.82
CIE LCh	67, 8.208, 20.106
Yxy	36.0132, 0.3335, 0.3291
Android (android.graphics.Color)	4289895837 (0xFFB29D9D)
YUV	163.2790, -3.0955, 12.9103
Hunter-Lab	60.0110, 3.5570, 5.5257

Details

The XYZ color **36.5029, 36.0132, 36.9256** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8608, 42.2226, 48.2743**, and the grayscale version is **34.9554, 36.7758, 40.0489**.

A 20% lighter version of the original color is **69.3588, 69.3329, 72.0143**, and **16.2130, 15.7086, 15.8132** is the 20% darker color. If you saturate the color by 10%, you get **32.2978, 29.8602, 28.5645**, and if you desaturate by 10%, it is **41.3701, 43.1352, 46.6006**.

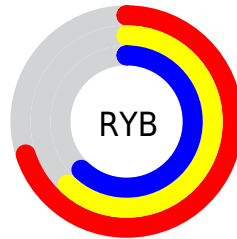
Distribution



Red (70%)

Green (62%)

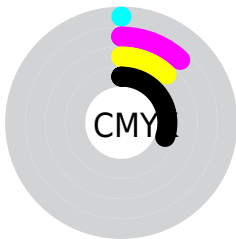
Blue (62%)



Red (70%)

Yellow (62%)

Blue (62%)

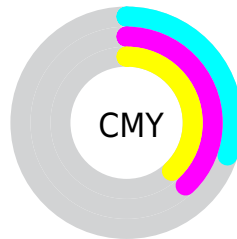


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5029, 36.0132, 36.9256 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 36.5029, 36.0132, 36.9256 by changing the saturation by 10% instead.


 36.5029, 36.0132,
36.9256


 36.5029, 36.0132,
36.9256

322.5464,
329.0182, 348.1473

 24.9947, 24.4444,
24.8546


 69.1264, 69.0524,
71.6434

 16.2019, 15.6636,
15.7507


 90.9724, 91.2917,
95.1272

 9.7589, 9.2864,
9.1955

116.9952,
117.8565, 123.2524

 5.3004, 4.9285,
4.7703

147.5599,
149.1313, 156.4374

 2.4611, 2.2054,
2.0568

183.0320,
185.5005, 195.1009

 0.8757, 0.7229,
0.5899

223.7769,

 0.0000, 0.0000,

227.3484, 239.6614

0.0000

270.1599,
275.0595, 290.5373

■ 36.5029, 36.0132,
36.9256

■ 36.5029, 36.0132,
36.9256

■ 32.2978, 29.8602,
28.5645

■ 41.3701, 43.1352,
46.6006

■ 28.7234, 24.6298,
21.4585

■ 46.9230, 51.2605,
57.6404

■ 25.7501, 20.2791,
15.5477

■ 53.1880, 60.4276,
70.0957

■ 23.3450, 16.7597,
10.7666

■ 60.1888, 70.6715,
84.0142

■ 21.4719, 14.0187,
7.0431

■ 67.9484, 82.0256,
99.4413

■ 20.0904, 11.9971,
4.2971

■ 72.1703, 88.2051,
107.8292

■ 19.1545, 10.6274,
2.4370

■ 18.6093, 9.8296,
1.3536

■ 18.3606, 9.4657,
0.8593

Harmonies

Analogous

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



36.6170, 36.0132, 40.3897



36.5029, 36.0132, 36.9256



35.7716, 36.0132, 34.2332

Triad

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



36.5029, 36.0132, 36.9256



32.4437, 36.0132, 35.0193



33.8240, 36.0132, 46.2838

Complementary

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



36.5029, 36.0132, 36.9256



37.8608, 42.2226, 48.2743

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.



32.7323, 36.0132, 44.6521



36.5029, 36.0132, 36.9256



31.9481, 36.0132, 38.0579

Square

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



36.5029, 36.0132, 36.9256



33.4214, 36.0132, 33.1793



32.0524, 36.0132, 41.5914



35.0504, 36.0132, 45.9355

Rectangle

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



36.5029, 36.0132, 36.9256



35.0420, 36.0132, 33.1716



32.0524, 36.0132, 41.5914



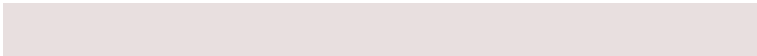
33.4296, 36.0132, 45.9451

Sweetspot

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



36.5039, 36.0148, 36.9264



72.9090, 75.1316, 80.3073



38.4535, 36.7938, 47.1952



16.0019, 16.4243, 17.4916



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.



36.5039, 36.0148, 36.9264



64.2235, 62.4225, 63.0400



38.3569, 39.7208, 37.5440



8.4965, 8.5055, 8.8464



13.1371, 6.7728, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



37.8608, 42.2226, 48.2743



67.1448, 75.7870, 87.4706



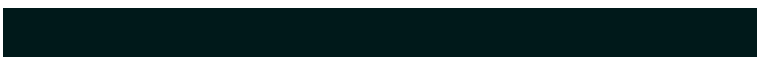
35.8515, 38.2040, 47.6046



8.7426, 9.6314, 10.9046



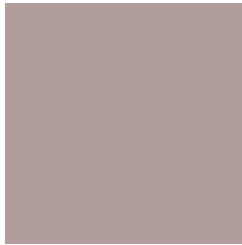
17.1374, 25.0751, 34.0737



0.5392, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 36.5029, 36.0132, 36.9256 looks on a white background.

Color Contrast Check

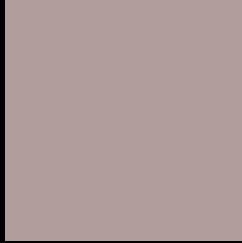
Large Text (above 18pt) WCAG AA × Fail

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 36.5029, 36.0132, 36.9256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

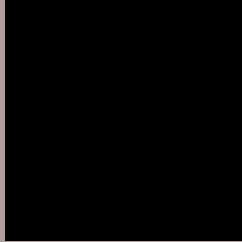
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5029, 36.0132, 36.9256

Background



This preview shows how black text looks on a background with the XYZ color 36.5029, 36.0132, 36.9256.



This preview shows how white text looks on a background with the XYZ color 36.5029, 36.0132,

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

36.5029, 36.0132, 36.9256

Protanopia

34.5199, 35.9923, 37.9287

Deuteranopia

36.7332, 36.1320, 36.9364



Tritanopia

37.3796, 35.8535, 41.9961

Trichromacy



Original Color

36.5029, 36.0132, 36.9256

Protanomaly

35.3199, 36.1563, 37.4651

Deuteranomaly

36.7332, 36.1320, 36.9364

Tritanomaly

37.1797, 36.0410, 40.1190

Monochromacy



Original Color

36.5029, 36.0132, 36.9256

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.3263, 36.3878, 38.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5029, 36.0132, 36.9256 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(178, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(178, 157, 157)  
}
```

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(178, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 157, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.5029, 36.0132, 36.9256 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(178, 157, 157) }
```


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

```
.border{ border-color:rgb(178, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(178, 157,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5029, 36.0132, 36.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 157, 157) }
```

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

```
.background{ background-color: rgb(178,  
157, 157) }
```

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