

Converting Colors

$Yxy(36.1533, 0.4202, 0.4036)$

Have a look what the booklet for
Yxy(36.1533, 0.4202, 0.4036)
contains.

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Color

Yxy(36.0262, 0.4201, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	C9995F
RGB	201, 153, 95
RGB Percent	79%, 60%, 37%
CMY	0.2117, 0.4000, 0.6274
CMYK	0.00, 0.24, 0.53, 0.21
HSL	33°, 50%, 58%
HSV	33°, 53%, 79%
XYZ	37.5455, 36.0262, 15.8011
YIQ	160.7400, 47.2260, -7.8620

Conversions

Conversions Part 2

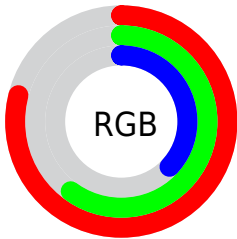
Format	Color
RYB	183, 201, 95
Decimal	13211999
CIELab	66.54, 11.09, 37.21
CIELCh	67, 38.828, 73.400
Yxy	36.0262, 0.4201, 0.4031
Android (android.graphics.Color)	4291402079 (0xFFC9995F)
YUV	160.7400, -32.4098, 35.3080
Hunter-Lab	60.0218, 6.6192, 26.4068

Details

The Yxy color **36.0262, 0.4201, 0.4031** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **26.2967, 0.2272, 0.2382**, and the grayscale version is **35.6515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9922, 0.3957, 0.3910**, and **15.6373, 0.4504, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **32.8413, 0.4455, 0.4143**, and if you desaturate by 10%, it is **39.5362, 0.3956, 0.3898**.

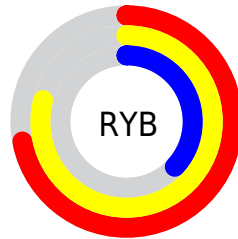
Distribution



Red (79%)

Green (60%)

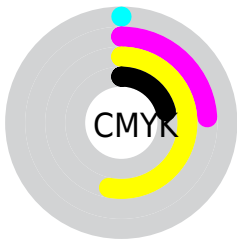
Blue (37%)



Red (72%)

Yellow (79%)

Blue (37%)

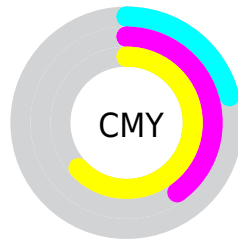


Cyan (0%)

Magenta (24%)

Yellow (53%)

Black (21%)



Cyan (21%)


Magenta (40%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0262, 0.4201, 0.4031 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 Yxy color 36.0262, 0.4201, 0.4031 by changing the saturation by 10% instead.


 36.0262, 0.4201,
0.4031


 36.0262, 0.4201,
0.4031


329.0750, 0.3649,
0.3673

 24.4544, 0.4338,
0.4111


 69.0725, 0.4000,
0.3907

 15.6711, 0.4510,
0.4204


 91.3158, 0.3924,
0.3858

 9.2917, 0.4729,
0.4311


 117.8851, 0.3860,
0.3816

 4.9319, 0.5028,
0.4435

 149.1648, 0.3806,
0.3780

 2.2074, 0.5443,
0.4557

185.5392, 0.3759,
0.3748

 0.7240, 0.5712,
0.4288

227.3928, 0.3717,

 0.0000, 0.0000,

0.3720

0.0000

275.1100, 0.3681,
0.3695

■ 36.0262, 0.4201,
0.4031

■ 36.0262, 0.4201,
0.4031

■ 32.8413, 0.4455,
0.4143

■ 39.5362, 0.3956,
0.3898

■ 29.9638, 0.4707,
0.4221

■ 43.3776, 0.3728,
0.3754

■ 27.3818, 0.4942,
0.4254

■ 47.5630, 0.3520,
0.3607

■ 25.0796, 0.5147,
0.4234

■ 52.1023, 0.3334,
0.3463

■ 23.5664, 0.5277,
0.4192

■ 57.0053, 0.3169,
0.3326

■ 62.2812, 0.3024,
0.3197

■ 67.9388, 0.2896,
0.3078

■ 73.9345, 0.2789,
0.2976

■ 79.0120, 0.2796,
0.3075

Harmonies

Analogous

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



36.0262, 0.4300, 0.3598



36.0262, 0.4201, 0.4031



36.0262, 0.3807, 0.4326

Triad

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



36.0262, 0.4201, 0.4031



36.0262, 0.2272, 0.3347



36.0262, 0.2913, 0.2467

Complementary

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



36.0262, 0.4201, 0.4031



26.2967, 0.2272, 0.2382

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.



36.0262, 0.2421, 0.2364



36.0262, 0.4201, 0.4031



36.0262, 0.2081, 0.2805

Square

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



36.0262, 0.4201, 0.4031



36.0262, 0.2691, 0.3943



36.0262, 0.2134, 0.2469



36.0262, 0.3515, 0.2744

Rectangle

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



36.0262, 0.4201, 0.4031



36.0262, 0.3446, 0.4366



36.0262, 0.2134, 0.2469



36.0262, 0.2730, 0.2411

Sweetspot

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



36.0279, 0.4201, 0.4031



86.4183, 0.3396, 0.3513



22.6310, 0.3909, 0.2660



18.1486, 0.3435, 0.3543



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



36.0279, 0.4201, 0.4031



55.6331, 0.4484, 0.4154



54.5369, 0.3856, 0.4561



11.5826, 0.3276, 0.3416



15.0018, 0.5257, 0.4208



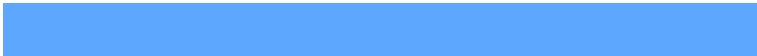
0.8537, 0.4977, 0.4430

Inverse Universe

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



26.2967, 0.2272, 0.2382



37.2921, 0.2103, 0.2147



15.0284, 0.2147, 0.1636



11.0653, 0.2983, 0.3160



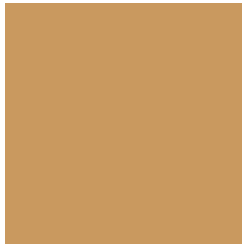
7.5363, 0.1734, 0.1440



0.5011, 0.1846, 0.1843

Previews

White Background



This preview shows how the Yxy color 36.0262, 0.4201, 0.4031 looks on a white background.

Color Contrast Check

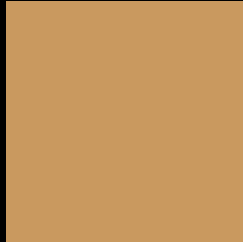
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.0262, 0.4201, 0.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

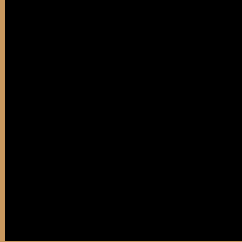
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0262, 0.4201, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 36.0262, 0.4201, 0.4031.



This preview shows how white text looks on a background with the Yxy color 36.0262, 0.4201, 0.4031.

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

36.0262, 0.4201, 0.4031

Protanopia

36.0696, 0.3863, 0.4190

Deuteranopia

36.1392, 0.4145, 0.4069



Tritanopia

36.1139, 0.3649, 0.3151

Trichromacy



Original Color

36.0262, 0.4201, 0.4031

Protanomaly

36.0984, 0.3985, 0.4133

Deuteranomaly

35.9432, 0.4163, 0.4054

Tritanomaly

36.0535, 0.3863, 0.3486

Monochromacy



Original Color

36.0262, 0.4201, 0.4031

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4900, 0.3506, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0262, 0.4201, 0.4031 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(201, 153, 95)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 95)  
}
```

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(201, 153, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 95) }
```

Border

The CSS property to change the border of an element to Yxy 36.0262, 0.4201, 0.4031 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(201, 153, 95) }
```

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

```
.border{ border-color:rgb(201, 153, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 95);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0262, 0.4201, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 95) }
```

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

```
.background{ background-color: rgb(201,  
153, 95) }
```

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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