

Converting Colors

$Y_{xy}(29.5864, 0.4132, 0.3801)$

Have a look what the booklet for
Yxy(29.5864, 0.4132, 0.3801)
contains.

Yxy(29.6302, 0.4136, 0.3802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.6302, 0.4136, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	BD8964
RGB	189, 137, 100
RGB Percent	74%, 54%, 39%
CMY	0.2588, 0.4627, 0.6079
CMYK	0.00, 0.28, 0.47, 0.26
HSL	25°, 40%, 57%
HSV	25°, 47%, 74%
XYZ	32.2332, 29.6302, 16.0698
YIQ	148.3300, 42.8690, -0.4830

Conversions

Conversions Part 2

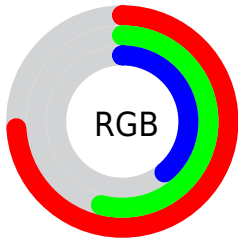
Format	Color
R _Y B	189, 163, 100
Decimal	12421476
CIE Lab	61.33, 15.34, 27.64
CIE LCh	61, 31.614, 60.967
Yxy	29.6302, 0.4136, 0.3802
Android (android.graphics.Color)	4290611556 (0xFFBD8964)
YUV	148.3300, -23.8267, 35.6676
Hunter-Lab	54.4336, 10.4409, 20.6000

Details

The Yxy color **29.6302, 0.4136, 0.3802** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.8333, 0.2402, 0.2698**, and the grayscale version is **29.8475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8354, 0.3933, 0.3711**, and **12.0600, 0.4462, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **26.3272, 0.4430, 0.3897**, and if you desaturate by 10%, it is **33.3422, 0.3868, 0.3694**.

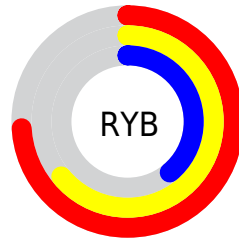
Distribution



Red (74%)

Green (54%)

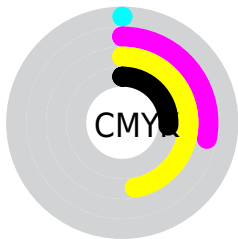
Blue (39%)



Red (74%)

Yellow (64%)

Blue (39%)

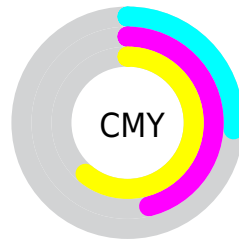


Cyan (0%)

Magenta (28%)

Yellow (47%)

Black (26%)



Cyan (26%)

Magenta (46%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6302, 0.4136, 0.3802 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 29.6302, 0.4136, 0.3802 by changing the saturation by 10% instead.


 29.6302, 0.4136,
0.3802


 29.6302, 0.4136,
0.3802


300.1769, 0.3594,
0.3549


 19.5581, 0.4282,
0.3860


 59.0769, 0.3931,
0.3713

 12.0742, 0.4473,
0.3928


 79.2202, 0.3856,
0.3679

 6.7942, 0.4733,
0.4006


 103.4894, 0.3794,
0.3649

 3.3338, 0.5118,
0.4097

 132.2688, 0.3741,
0.3624

 1.3084, 0.5785,
0.4215

165.9429, 0.3696,
0.3602

 0.1477, 0.7771,
0.2229

204.8960, 0.3657,

 0.0000, 0.0000,

0.3582

0.0000

249.5125, 0.3623,
0.3565

■ 29.6302, 0.4136,
0.3802

■ 29.6302, 0.4136,
0.3802

■ 26.3272, 0.4430,
0.3897

■ 33.3422, 0.3868,
0.3694

■ 23.4132, 0.4741,
0.3967

■ 37.4736, 0.3629,
0.3581

■ 20.8731, 0.5052,
0.3999


■ 42.0394, 0.3420,
0.3470

■ 18.6882, 0.5341,
0.3983

■ 47.0528, 0.3240,
0.3362


■ 16.8364, 0.5587,
0.3916

■ 52.5262, 0.3085,
0.3262

 16.3553, 0.5654,
0.3893

 58.4717, 0.2951,
0.3168

 64.9007, 0.2836,
0.3082

 71.8242, 0.2737,
0.3004

 78.2431, 0.2728,
0.3087

Harmonies

Analogous

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



29.6302, 0.4089, 0.3403



29.6302, 0.4136, 0.3802



29.6302, 0.3894, 0.4116

Triad

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



29.6302, 0.4136, 0.3802



29.6302, 0.2511, 0.3563



29.6302, 0.2746, 0.2504

Complementary

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



29.6302, 0.4136, 0.3802



28.8333, 0.2402, 0.2698

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.



29.6302, 0.2378, 0.2490



29.6302, 0.4136, 0.3802



29.6302, 0.2250, 0.3054

Square

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



29.6302, 0.4136, 0.3802



29.6302, 0.2947, 0.4020



29.6302, 0.2206, 0.2673



29.6302, 0.3248, 0.2691

Rectangle

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



29.6302, 0.4136, 0.3802



29.6302, 0.3614, 0.4218



29.6302, 0.2206, 0.2673



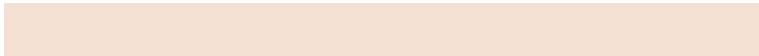
29.6302, 0.2604, 0.2479

Sweetspot

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



29.6316, 0.4136, 0.3802



77.7880, 0.3366, 0.3438



22.2425, 0.3621, 0.2571



16.3230, 0.3407, 0.3462



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



29.6316, 0.4136, 0.3802



46.7005, 0.4455, 0.3903



44.4257, 0.3863, 0.4330



10.1707, 0.3278, 0.3386



11.1465, 0.5632, 0.3910



0.5660, 0.5206, 0.4249

Inverse Universe

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



28.8333, 0.2402, 0.2698



45.0431, 0.2250, 0.2532



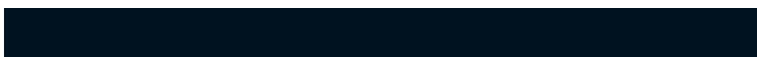
17.2935, 0.2270, 0.1974



10.1262, 0.2984, 0.3192



10.1873, 0.1857, 0.1885



0.5254, 0.1960, 0.2257

Previews

White Background



This preview shows how the Yxy color 29.6302, 0.4136, 0.3802 looks on a white background.

Color Contrast Check

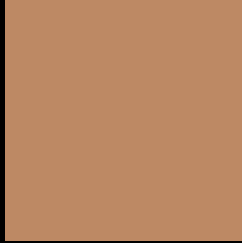
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6302, 0.4136, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

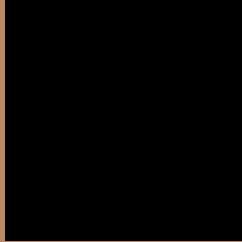
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6302, 0.4136, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 29.6302, 0.4136, 0.3802.



This preview shows how white text looks on a background with the Yxy color 29.6302, 0.4136, 0.3802.

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

29.6302, 0.4136, 0.3802

Protanopia

29.6733, 0.3688, 0.3959

Deuteranopia

29.7118, 0.3988, 0.3913



Tritanopia

29.7930, 0.3721, 0.3156

Trichromacy



Original Color

29.6302, 0.4136, 0.3802

Protanomaly

29.5837, 0.3854, 0.3903

Deuteranomaly

29.6021, 0.4047, 0.3874

Tritanomaly

29.7890, 0.3878, 0.3388

Monochromacy



Original Color

29.6302, 0.4136, 0.3802

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.3717, 0.3467, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6302, 0.4136, 0.3802 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(189, 137, 100)` looks like.

```
.text, #text, p{  
    color:rgb(189, 137, 100)  
}
```

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(189, 137, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 137, 100) }
```

Border

The CSS property to change the border of an element to Yxy 29.6302, 0.4136, 0.3802 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(189, 137, 100) }
```

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

```
.border{ border-color:rgb(189, 137, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 137, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 137, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 137, 100);  
box-shadow:4px 4px 4px 4px rgb(189, 137,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6302, 0.4136, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 137, 100) }
```

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

```
.background{ background-color: rgb(189,  
137, 100) }
```

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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