

Converting Colors

$Y_{xy}(28.1233, 0.4117, 0.3746)$

Have a look what the booklet for
Yxy(28.1233, 0.4117, 0.3746)
contains.

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Color

Yxy(28.1537, 0.4118, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	BA8565
RGB	186, 133, 101
RGB Percent	73%, 52%, 40%
CMY	0.2705, 0.4785, 0.6039
CMYK	0.00, 0.29, 0.46, 0.27
HSL	23°, 38%, 56%
HSV	23°, 46%, 73%
XYZ	30.9909, 28.1537, 16.1126
YIQ	145.1990, 41.8600, 1.2840

Conversions

Conversions Part 2

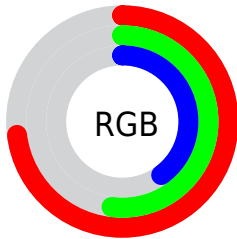
Format	Color
RYB	186, 152, 101
Decimal	12223845
CIELab	60.03, 16.44, 25.29
CIELCh	60, 30.166, 56.985
Yxy	28.1537, 0.4118, 0.3741
Android (android.graphics.Color)	4290413925 (0xFFBA8565)
YUV	145.1990, -21.7901, 35.7825
Hunter-Lab	53.0601, 11.4017, 19.1377

Details

The Yxy color **28.1537, 0.4118, 0.3741** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4354, 0.2433, 0.2776**, and the grayscale version is **28.4791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6179, 0.3916, 0.3662**, and **11.1987, 0.4450, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **24.8273, 0.4422, 0.3828**, and if you desaturate by 10%, it is **31.9163, 0.3844, 0.3642**.

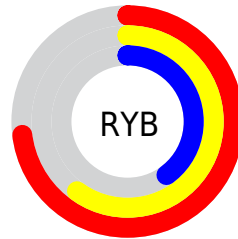
Distribution



Red (73%)

Green (52%)

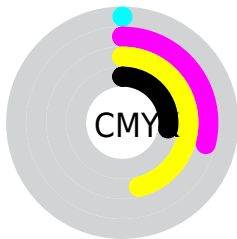
Blue (40%)



Red (73%)

Yellow (60%)

Blue (40%)

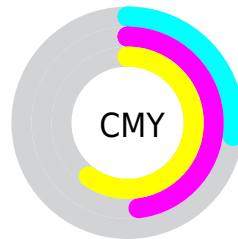


Cyan (0%)

Magenta (29%)

Yellow (46%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1537, 0.4118, 0.3741 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 28.1537, 0.4118, 0.3741 by changing the saturation by 10% instead.

 28.1537, 0.4118,
0.3741


 28.1537, 0.4118,
0.3741


293.2006, 0.3580,
0.3518

 18.4416, 0.4265,
0.3792


 56.7297, 0.3912,
0.3662

 11.2675, 0.4461,
0.3852


 76.3624, 0.3838,
0.3632

 6.2470, 0.4731,
0.3920


 100.0707, 0.3777,
0.3606

 2.9959, 0.5140,
0.3999

 128.2391, 0.3725,
0.3584

 1.1296, 0.5889,
0.4111

161.2518, 0.3680,
0.3564

 0.0030, 0.9926,
0.0074


199.4934, 0.3642,


 0.0000, 0.0000,

0.3547


0.0000


243.3482, 0.3609,
0.3532


 28.1537, 0.4118,
0.3741


 28.1537, 0.4118,
0.3741


 24.8273, 0.4422,
0.3828


 31.9163, 0.3844,
0.3642


 21.9161, 0.4749,
0.3894


 36.1271, 0.3604,
0.3540


 19.4031, 0.5080,
0.3924


 40.8024, 0.3396,
0.3439


 17.2683, 0.5392,
0.3908


 45.9566, 0.3217,
0.3342


 15.4890, 0.5658,
0.3842

 51.6032, 0.3065,
0.3252

 14.8221, 0.5763,
0.3806

 57.7555, 0.2934,
0.3169

 64.4260, 0.2823,
0.3092

 71.6268, 0.2727,
0.3023

 78.4746, 0.2712,
0.3098

Harmonies

Analogous

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



28.1537, 0.4032, 0.3349



28.1537, 0.4118, 0.3741



28.1537, 0.3917, 0.4062

Triad

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



28.1537, 0.4118, 0.3741



28.1537, 0.2577, 0.3621



28.1537, 0.2700, 0.2513

Complementary

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



28.1537, 0.4118, 0.3741



29.4354, 0.2433, 0.2776

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.



28.1537, 0.2364, 0.2524



28.1537, 0.4118, 0.3741



28.1537, 0.2296, 0.3123

Square

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



28.1537, 0.4118, 0.3741



28.1537, 0.3017, 0.4040



28.1537, 0.2224, 0.2730



28.1537, 0.3177, 0.2674

Rectangle

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



28.1537, 0.4118, 0.3741



28.1537, 0.3661, 0.4180



28.1537, 0.2224, 0.2730



28.1537, 0.2569, 0.2496

Sweetspot

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



28.1551, 0.4118, 0.3741



75.2557, 0.3367, 0.3424



22.1114, 0.3562, 0.2556



16.1455, 0.3409, 0.3446



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.



28.1551, 0.4118, 0.3741



44.8722, 0.4429, 0.3830



41.9212, 0.3857, 0.4269



9.5511, 0.3279, 0.3377



10.1027, 0.5740, 0.3824



0.4768, 0.5253, 0.4211

Inverse Universe

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



29.4354, 0.2433, 0.2776



47.4286, 0.2293, 0.2637



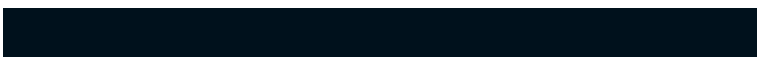
17.9759, 0.2308, 0.2068



9.6273, 0.2985, 0.3202



10.9385, 0.1896, 0.2026



0.5005, 0.1997, 0.2389

Previews

White Background



This preview shows how the Yxy color 28.1537, 0.4118, 0.3741 looks on a white background.

Color Contrast Check

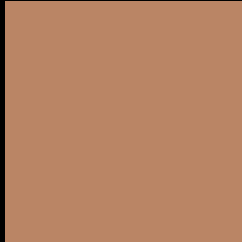
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1537, 0.4118, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

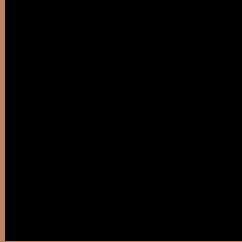
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1537, 0.4118, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 28.1537, 0.4118, 0.3741.



This preview shows how white text looks on a background with the Yxy color 28.1537, 0.4118, 0.3741.

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

28.1537, 0.4118, 0.3741

Protanopia

28.3593, 0.3646, 0.3911

Deuteranopia

28.2696, 0.3939, 0.3871



Tritanopia

28.0921, 0.3737, 0.3153

Trichromacy



Original Color

28.1537, 0.4118, 0.3741

Protanomaly

28.2647, 0.3814, 0.3856

Deuteranomaly

28.2764, 0.4010, 0.3830

Tritanomaly

28.1373, 0.3874, 0.3362

Monochromacy



Original Color

28.1537, 0.4118, 0.3741

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1083, 0.3463, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1537, 0.4118, 0.3741 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(186, 133, 101)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 101)  
}
```

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(186, 133, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 101) }
```

Border

The CSS property to change the border of an element to Yxy 28.1537, 0.4118, 0.3741 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(186, 133, 101) }
```

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

```
.border{ border-color:rgb(186, 133, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 133, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 133, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 133, 101);  
box-shadow:4px 4px 4px 4px rgb(186, 133,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1537, 0.4118, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 101) }
```

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

```
.background{ background-color: rgb(186,  
133, 101) }
```

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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