

Converting Colors

$Y_{xy}(28.2260, 0.4117, 0.3602)$

Have a look what the booklet for
Yxy(28.2260, 0.4117, 0.3602)
contains.

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Color

Yxy(28.1243, 0.4113, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	BF826C
RGB	191, 130, 108
RGB Percent	75%, 51%, 42%
CMY	0.2511, 0.4901, 0.5765
CMYK	0.00, 0.32, 0.43, 0.25
HSL	16°, 39%, 59%
HSV	16°, 43%, 75%
XYZ	32.1678, 28.1243, 17.9179
YIQ	145.7310, 43.4180, 6.0900

Conversions

Conversions Part 2

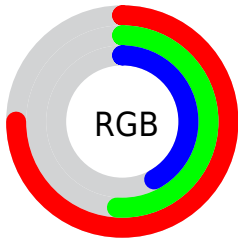
Format	Color
RYB	191, 138, 108
Decimal	12550764
CIELab	60.00, 20.85, 21.44
CIElCh	60, 29.906, 45.792
Yxy	28.1243, 0.4113, 0.3596
Android (android.graphics.Color)	4290740844 (0xFFBF826C)
YUV	145.7310, -18.6014, 39.7009
Hunter-Lab	53.0323, 15.4659, 17.0905

Details

The Yxy color **28.1243, 0.4113, 0.3596** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2973, 0.2489, 0.2952**, and the grayscale version is **28.6932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5448, 0.3902, 0.3539**, and **11.2145, 0.4468, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **24.2815, 0.4448, 0.3659**, and if you desaturate by 10%, it is **32.5675, 0.3820, 0.3525**.

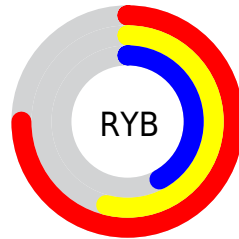
Distribution



Red (75%)

Green (51%)

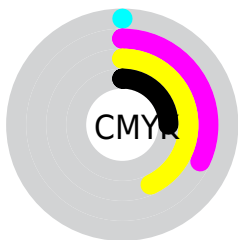
Blue (42%)



Red (75%)

Yellow (54%)

Blue (42%)

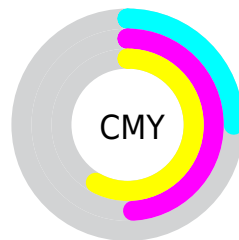


Cyan (0%)

Magenta (32%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (49%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1243, 0.4113, 0.3596 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 28.1243, 0.4113, 0.3596 by changing the saturation by 10% instead.


 28.1243, 0.4113,
0.3596


 28.1243, 0.4113,
0.3596


293.0604, 0.3575,
0.3451

 18.4194, 0.4262,
0.3627


 56.6828, 0.3906,
0.3546


 11.2515, 0.4462,
0.3661


 76.3052, 0.3832,
0.3527

 6.2363, 0.4741,
0.3695


 100.0022, 0.3771,
0.3510

 2.9893, 0.5153,
0.3714

 128.1583, 0.3719,
0.3495

 1.1261, 0.6133,
0.3867

161.1577, 0.3675,
0.3482

 0.0001, 0.9998,
0.0002


199.3849, 0.3637,


 0.0000, 0.0000,


0.3470


0.0000

243.2244, 0.3604,
0.3460


 28.1243, 0.4113,
0.3596


 28.1243, 0.4113,
0.3596


 24.2815, 0.4448,
0.3659


 32.5675, 0.3820,
0.3525


 21.0087, 0.4818,
0.3705


 37.6317, 0.3569,
0.3451

 18.2788, 0.5203,
0.3722


 43.3414, 0.3358,
0.3380


 16.0609, 0.5570,
0.3701

 49.7186, 0.3181,
0.3312

 14.3203, 0.5880,
0.3636


 56.7842, 0.3033,
0.3249

 13.4137, 0.6046,
0.3581

 64.5581, 0.2909,
0.3192

 73.0597, 0.2804,
0.3139

 81.9306, 0.2745,
0.3152

 89.8114, 0.2757,
0.3289

Harmonies

Analogous

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



28.1243, 0.3919, 0.3203



28.1243, 0.4113, 0.3596



28.1243, 0.4015, 0.3953

Triad

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



28.1243, 0.4113, 0.3596



28.1243, 0.2731, 0.3794



28.1243, 0.2559, 0.2501

Complementary

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



28.1243, 0.4113, 0.3596



35.2973, 0.2489, 0.2952

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.



28.1243, 0.2294, 0.2583



28.1243, 0.4113, 0.3596



28.1243, 0.2384, 0.3305

Square

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



28.1243, 0.4113, 0.3596



28.1243, 0.3202, 0.4127



28.1243, 0.2232, 0.2861



28.1243, 0.2989, 0.2601

Rectangle

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



28.1243, 0.4113, 0.3596



28.1243, 0.3809, 0.4120



28.1243, 0.2232, 0.2861



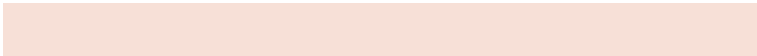
28.1243, 0.2449, 0.2507

Sweetspot

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



28.1257, 0.4113, 0.3596



77.9222, 0.3354, 0.3378



24.7054, 0.3414, 0.2472



16.5848, 0.3398, 0.3394



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.1257, 0.4113, 0.3596



43.9074, 0.4426, 0.3655



40.9857, 0.3874, 0.4113



9.9374, 0.3282, 0.3352



8.9340, 0.6023, 0.3600



0.4615, 0.5537, 0.3985

Inverse Universe

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



35.2973, 0.2489, 0.2952



58.3264, 0.2370, 0.2865



22.5782, 0.2379, 0.2295



10.3692, 0.2985, 0.3228



14.9899, 0.2004, 0.2415



0.6890, 0.2069, 0.2649

Previews

White Background



This preview shows how the Yxy color 28.1243, 0.4113, 0.3596 looks on a white background.

Color Contrast Check

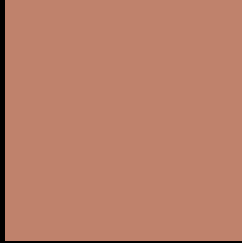
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1243, 0.4113, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

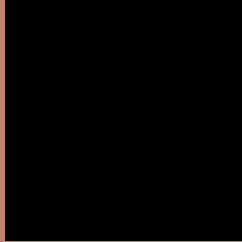
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1243, 0.4113, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 28.1243, 0.4113, 0.3596.



This preview shows how white text looks on a background with the Yxy color 28.1243, 0.4113, 0.3596.

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

28.1243, 0.4113, 0.3596

Protanopia

28.3586, 0.3530, 0.3771

Deuteranopia

28.1638, 0.3850, 0.3788



Tritanopia

28.0367, 0.3815, 0.3155

Trichromacy



Original Color

28.1243, 0.4113, 0.3596

Protanomaly

28.1415, 0.3733, 0.3720

Deuteranomaly

28.1348, 0.3938, 0.3716

Tritanomaly

27.8916, 0.3923, 0.3306

Monochromacy



Original Color

28.1243, 0.4113, 0.3596

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1035, 0.3456, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1243, 0.4113, 0.3596 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(191, 130, 108)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 108)  
}
```

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(191, 130, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 108) }
```

Border

The CSS property to change the border of an element to Yxy 28.1243, 0.4113, 0.3596 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(191, 130, 108) }
```

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

```
.border{ border-color:rgb(191, 130, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 130, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 130, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 130, 108);  
box-shadow:4px 4px 4px 4px rgb(191, 130,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1243, 0.4113, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 108) }
```

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

```
.background{ background-color: rgb(191,  
130, 108) }
```

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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