

Converting Colors

$Y_{xy}(29.7192, 0.4002, 0.3585)$

Have a look what the booklet for
Yxy(29.7192, 0.4002, 0.3585)
contains.

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Color

Yxy(29.8996, 0.4008, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	BF8872
RGB	191, 136, 114
RGB Percent	75%, 53%, 45%
CMY	0.2508, 0.4667, 0.5529
CMYK	0.00, 0.29, 0.40, 0.25
HSL	17°, 38%, 60%
HSV	17°, 40%, 75%
XYZ	33.3345, 29.8996, 19.9358
YIQ	149.9370, 39.8420, 4.8180

Conversions

Conversions Part 2

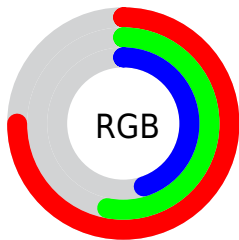
Format	Color
R_{YB}	191, 145, 114
Decimal	12552306
CIE _{Lab}	61.57, 18.26, 20.17
CIE _{LCh}	62, 27.209, 47.841
Yxy	29.8996, 0.4008, 0.3595
Android (android.graphics.Color)	4290742386 (0xFFBF8872)
YUV	149.9370, -17.7169, 36.0123
Hunter-Lab	54.6805, 13.1268, 16.6600

Details

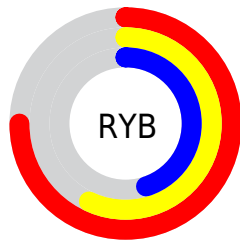
The Yxy color **29.8996, 0.4008, 0.3595** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7384, 0.2527, 0.2956**, and the grayscale version is **30.5365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7198, 0.3824, 0.3549**, and **12.2832, 0.4316, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **25.9071, 0.4325, 0.3667**, and if you desaturate by 10%, it is **34.4757, 0.3733, 0.3517**.

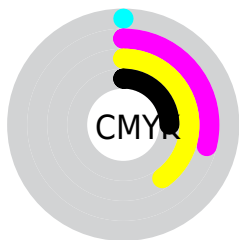
Distribution



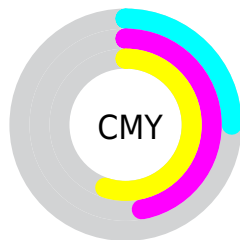
- Red (75%)
- Green (53%)
- Blue (45%)



- Red (75%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (25%)





- Cyan (25%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8996, 0.4008, 0.3595 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 29.8996, 0.4008, 0.3595 by changing the saturation by 10% instead.


 29.8996, 0.4008,
0.3595

 29.8996, 0.4008,
0.3595


301.4362, 0.3532,
0.3447


 19.7624, 0.4139,
0.3628


 59.5034, 0.3826,
0.3544


 12.2224, 0.4313,
0.3667


 79.7387, 0.3761,
0.3523

 6.8954, 0.4556,
0.3711


 104.1089, 0.3706,
0.3506

 3.3967, 0.4914,
0.3752

 132.9983, 0.3660,
0.3491

 1.3422, 0.5934,
0.4066

166.7914, 0.3621,
0.3478

 0.1735, 0.7787,
0.2213


205.8724, 0.3587,


 0.0000, 0.0000,


0.3467

0.0000


250.6259, 0.3558,
0.3457


 29.8996, 0.4008,
0.3595


 29.8996, 0.4008,
0.3595


 25.9071, 0.4325,
0.3667


 34.4757, 0.3733,
0.3517


 22.4698, 0.4677,
0.3723


 39.6537, 0.3497,
0.3439


 19.5633, 0.5052,
0.3755

 45.4563, 0.3299,
0.3363


 17.1595, 0.5420,
0.3749

 51.9039, 0.3132,
0.3292

 15.2274, 0.5746,
0.3698

 59.0157, 0.2992,
0.3227

 13.7673, 0.6001,
0.3617

 66.8103, 0.2874,
0.3166

 75.3054, 0.2774,
0.3112

 83.7322, 0.2748,
0.3184

 89.8212, 0.2757,
0.3289

Harmonies

Analogous

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



29.8996, 0.3852, 0.3240



29.8996, 0.4008, 0.3595



29.8996, 0.3907, 0.3906

Triad

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



29.8996, 0.4008, 0.3595



29.8996, 0.2749, 0.3709



29.8996, 0.2641, 0.2581

Complementary

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



29.8996, 0.4008, 0.3595



35.7384, 0.2527, 0.2956

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.



29.8996, 0.2388, 0.2646



29.8996, 0.4008, 0.3595



29.8996, 0.2445, 0.3277

Square

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



29.8996, 0.4008, 0.3595



29.8996, 0.3168, 0.4017



29.8996, 0.2319, 0.2888



29.8996, 0.3036, 0.2680

Rectangle

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



29.8996, 0.4008, 0.3595



29.8996, 0.3716, 0.4043



29.8996, 0.2319, 0.2888



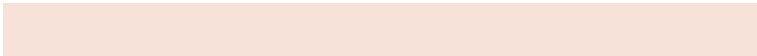
29.8996, 0.2538, 0.2583

Sweetspot

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



29.9010, 0.4008, 0.3595



79.3500, 0.3334, 0.3377



25.9901, 0.3418, 0.2560



17.1150, 0.3359, 0.3387



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.



29.9010, 0.4008, 0.3595



47.4300, 0.4273, 0.3656



42.7028, 0.3802, 0.4086



9.9679, 0.3281, 0.3356



9.1646, 0.5977, 0.3636



0.4747, 0.5490, 0.4023

Inverse Universe

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



35.7384, 0.2527, 0.2956



59.2009, 0.2415, 0.2873



23.4926, 0.2431, 0.2338



10.3369, 0.2985, 0.3223



14.2795, 0.1985, 0.2346



0.6656, 0.2055, 0.2598

Previews

White Background



This preview shows how the Yxy color 29.8996, 0.4008, 0.3595 looks on a white background.

Color Contrast Check

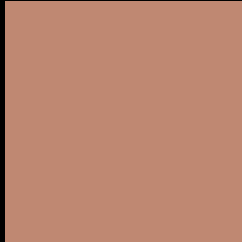
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8996, 0.4008, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

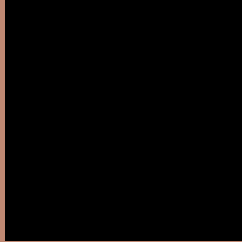
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8996, 0.4008, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 29.8996, 0.4008, 0.3595.



This preview shows how white text looks on a background with the Yxy color 29.8996, 0.4008, 0.3595.

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

29.8996, 0.4008, 0.3595

Protanopia

30.1201, 0.3510, 0.3744

Deuteranopia

29.9511, 0.3799, 0.3733



Tritanopia

29.9249, 0.3732, 0.3156

Trichromacy



Original Color

29.8996, 0.4008, 0.3595

Protanomaly

29.8006, 0.3684, 0.3682

Deuteranomaly

29.7722, 0.3883, 0.3680

Tritanomaly

29.7785, 0.3835, 0.3306

Monochromacy



Original Color

29.8996, 0.4008, 0.3595

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0563, 0.3423, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8996, 0.4008, 0.3595 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, 136, 114)` looks like.

```
.text, #text, p{  
    color:rgb(191, 136, 114)  
}
```

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, 136, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 136, 114) }
```

Border

The CSS property to change the border of an element to Yxy 29.8996, 0.4008, 0.3595 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, 136, 114) }
```

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

```
.border{ border-color:rgb(191, 136, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 136, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 136, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 136, 114);  
box-shadow:4px 4px 4px 4px rgb(191, 136,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8996, 0.4008, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 136, 114) }
```

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

```
.background{ background-color: rgb(191,  
136, 114) }
```

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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