

Converting Colors

$Y_{xy}(30.1364, 0.4004, 0.3379)$

Have a look what the booklet for
Yxy(30.1364, 0.4004, 0.3379)
contains.

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Color

Yxy(30.2626, 0.4002, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	C8847D
RGB	200, 132, 125
RGB Percent	78%, 52%, 49%
CMY	0.2156, 0.4824, 0.5098
CMYK	0.00, 0.34, 0.38, 0.22
HSL	6°, 41%, 64%
HSV	6°, 38%, 78%
XYZ	35.7787, 30.2626, 23.3608
YIQ	151.5340, 42.7750, 12.2390

Conversions

Conversions Part 2

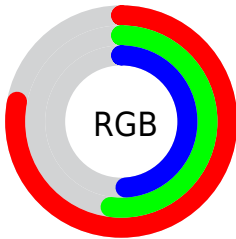
Format	Color
R _{YB}	200, 133, 125
Decimal	13141117
CIE Lab	61.88, 25.33, 14.55
CIE LCh	62, 29.210, 29.866
Yxy	30.2626, 0.4002, 0.3385
Android (android.graphics.Color)	4291331197 (0xFFC8847D)
YUV	151.5340, -13.0813, 42.5047
Hunter-Lab	55.0115, 19.8240, 13.3304

Details

The Yxy color **30.2626, 0.4002, 0.3385** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6945, 0.2595, 0.3191**, and the grayscale version is **31.2329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5922, 0.3786, 0.3376**, and **12.4857, 0.4309, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **25.3038, 0.4362, 0.3409**, and if you desaturate by 10%, it is **36.1829, 0.3701, 0.3359**.

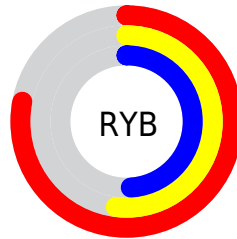
Distribution



Red (78%)

Green (52%)

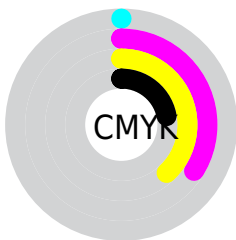
Blue (49%)



Red (78%)

Yellow (52%)

Blue (49%)

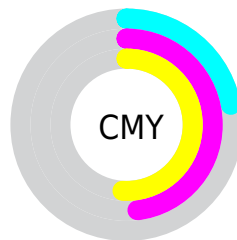


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (48%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2626, 0.4002, 0.3385 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 30.2626, 0.4002, 0.3385 by changing the saturation by 10% instead.


 30.2626, 0.4002,
0.3385


 30.2626, 0.4002,
0.3385


303.1266, 0.3528,
0.3348

 20.0380, 0.4133,
0.3389


 60.0772, 0.3821,
0.3375

 12.4227, 0.4308,
0.3391


 80.4360, 0.3756,
0.3370

 7.0322, 0.4554,
0.3385


 104.9417, 0.3702,
0.3366

 3.4823, 0.4922,
0.3360

133.9786, 0.3656,
0.3362

 1.3884, 0.5650,
0.3349

167.9311, 0.3617,
0.3358

 0.2081, 0.7968,
0.2032

207.1837, 0.3584,


 0.0000, 0.0000,


0.3354


0.0000


252.1207, 0.3554,
0.3351


 30.2626, 0.4002,
0.3385


 30.2626, 0.4002,
0.3385


 25.3038, 0.4362,
0.3409

 36.1829, 0.3701,
0.3359


 21.2515, 0.4777,
0.3427


 43.1071, 0.3454,
0.3333


 18.0520, 0.5227,
0.3434


 51.0803, 0.3253,
0.3308


 15.6443, 0.5668,
0.3426


 60.1437, 0.3090,
0.3284

 13.9588, 0.6040,
0.3399

 70.3362, 0.2957,
0.3263

 12.9126, 0.6286,
0.3359

 81.6948, 0.2848,
0.3244

 12.7360, 0.6333,
0.3353

 91.0234, 0.2805,
0.3289

Harmonies

Analogous

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



30.2626, 0.3687, 0.3020



30.2626, 0.4002, 0.3385



30.2626, 0.4057, 0.3755

Triad

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



30.2626, 0.4002, 0.3385



30.2626, 0.2981, 0.3966



30.2626, 0.2426, 0.2554

Complementary

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



30.2626, 0.4002, 0.3385



46.6945, 0.2595, 0.3191

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.



30.2626, 0.2273, 0.2734



30.2626, 0.4002, 0.3385



30.2626, 0.2574, 0.3558

Square

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



30.2626, 0.4002, 0.3385



30.2626, 0.3448, 0.4143



30.2626, 0.2323, 0.3093



30.2626, 0.2762, 0.2559

Rectangle

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



30.2626, 0.4002, 0.3385



30.2626, 0.3943, 0.3963



30.2626, 0.2323, 0.3093



30.2626, 0.2353, 0.2593

Sweetspot

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



30.2641, 0.4002, 0.3385



83.1520, 0.3321, 0.3316



30.8384, 0.3233, 0.2439



17.3882, 0.3349, 0.3320



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.



30.2641, 0.4002, 0.3385



45.2700, 0.4291, 0.3405



42.0554, 0.3821, 0.3856



10.7930, 0.3287, 0.3312



8.1545, 0.6320, 0.3364



0.4418, 0.6071, 0.3561

Inverse Universe

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



46.6945, 0.2595, 0.3191



77.7142, 0.2500, 0.3166



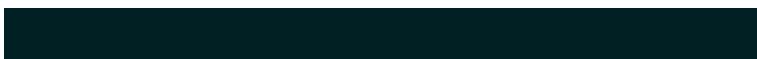
32.3994, 0.2516, 0.2645



11.8923, 0.2984, 0.3268



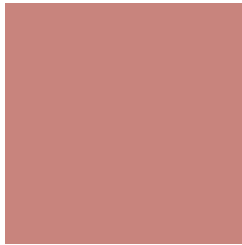
23.8368, 0.2166, 0.2998



1.1791, 0.2185, 0.3064

Previews

White Background



This preview shows how the Yxy color 30.2626, 0.4002, 0.3385 looks on a white background.

Color Contrast Check

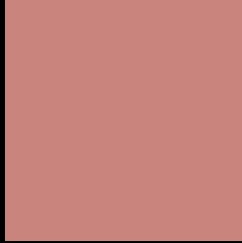
Large Text (above 18pt) WCAG AA × Fail

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 30.2626, 0.4002, 0.3385 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 30.2626, 0.4002, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 30.2626, 0.4002, 0.3385.



This preview shows how white text looks on a background with the Yxy color 30.2626, 0.4002, 0.3385.

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

30.2626, 0.4002, 0.3385

Protanopia

30.2840, 0.3347, 0.3524

Deuteranopia

30.3752, 0.3676, 0.3601



Tritanopia

30.2762, 0.3842, 0.3161

Trichromacy



Original Color

30.2626, 0.4002, 0.3385

Protanomaly

30.0543, 0.3571, 0.3469

Deuteranomaly

30.2787, 0.3783, 0.3520

Tritanomaly

30.3994, 0.3898, 0.3240

Monochromacy



Original Color

30.2626, 0.4002, 0.3385

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.6388, 0.3415, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2626, 0.4002, 0.3385 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(200, 132, 125)` looks like.

```
.text, #text, p{  
    color:rgb(200, 132, 125)  
}
```

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(200, 132, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 132, 125) }
```

Border

The CSS property to change the border of an element to Yxy 30.2626, 0.4002, 0.3385 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(200, 132, 125) }
```

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

```
.border{ border-color:rgb(200, 132, 125) }
```

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

Here you see how a box with a 4 pixel rgb(200, 132, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 132, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 132, 125);  
box-shadow:4px 4px 4px 4px rgb(200, 132,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2626, 0.4002, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 132, 125) }
```

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

```
.background{ background-color: rgb(200,  
132, 125) }
```

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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