

Converting Colors

$Y_{xy}(28.8219, 0.4241, 0.3603)$

Have a look what the booklet for
Yxy(28.8219, 0.4241, 0.3603)
contains.

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Color

Yxy(28.8625, 0.4246, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	C78169
RGB	199, 129, 105
RGB Percent	78%, 51%, 41%
CMY	0.2197, 0.4940, 0.5883
CMYK	0.00, 0.35, 0.47, 0.22
HSL	15°, 46%, 60%
HSV	15°, 47%, 78%
XYZ	33.9474, 28.8625, 17.1416
YIQ	147.1940, 49.4240, 7.3760

Conversions

Conversions Part 2

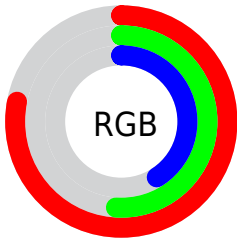
Format	Color
R_{YB}	199, 137, 105
Decimal	13074793
CIE _{Lab}	60.66, 24.32, 24.18
CIE _{LCh}	61, 34.296, 44.833
Yxy	28.8625, 0.4246, 0.3610
Android (android.graphics.Color)	4291264873 (0xFFC78169)
YUV	147.1940, -20.8016, 45.4339
Hunter-Lab	53.7238, 18.7752, 18.6891

Details

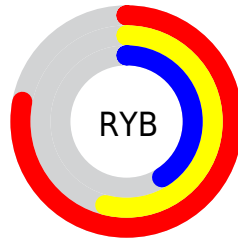
The Yxy color **28.8625, 0.4246, 0.3610** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7601, 0.2441, 0.2930**, and the grayscale version is **29.3348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1162, 0.3993, 0.3566**, and **11.6382, 0.4638, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **24.8781, 0.4601, 0.3665**, and if you desaturate by 10%, it is **33.5109, 0.3932, 0.3544**.

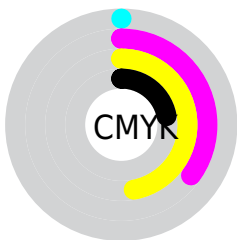
Distribution



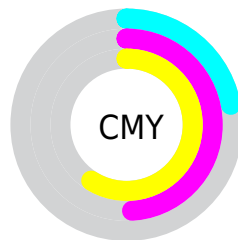
- Red (78%)
- Green (51%)
- Blue (41%)



- Red (78%)
- Yellow (54%)
- Blue (41%)



- Cyan (0%)
- Magenta (35%)
- Yellow (47%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8625, 0.4246, 0.3610 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 28.8625, 0.4246, 0.3610 by changing the saturation by 10% instead.


 28.8625, 0.4246,
0.3610


 28.8625, 0.4246,
0.3610


296.5656, 0.3638,
0.3464


 18.9768, 0.4412,
0.3638


 57.8586, 0.4014,
0.3562


 11.6535, 0.4633,
0.3666

 77.7377, 0.3930,
0.3543

 6.5082, 0.4937,
0.3688


 101.7169, 0.3861,
0.3525

 3.1565, 0.5381,
0.3685

 130.1803, 0.3802,
0.3510

 1.2140, 0.6284,
0.3716

163.5126, 0.3752,
0.3497

 0.0731, 0.9007,
0.0993


202.0979, 0.3709,


 0.0000, 0.0000,


0.3485


0.0000


246.3208, 0.3671,
0.3474


 28.8625, 0.4246,
0.3610


 28.8625, 0.4246,
0.3610


 24.8781, 0.4601,
0.3665


 33.5109, 0.3932,
0.3544


 21.5225, 0.4985,
0.3699


 38.8480, 0.3663,
0.3473


 18.7634, 0.5373,
0.3701


 44.9022, 0.3436,
0.3403

 16.5638, 0.5726,
0.3661

 51.6992, 0.3245,
0.3336


 14.8806, 0.6005,
0.3582

 59.2633, 0.3086,
0.3273

 14.4961, 0.6073,
0.3560

 67.6177, 0.2953,
0.3216

 76.7847, 0.2841,
0.3163

 86.1812, 0.2794,
0.3210

 90.8786, 0.2800,
0.3289

Harmonies

Analogous

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



28.8625, 0.4017, 0.3172



28.8625, 0.4246, 0.3610



28.8625, 0.4139, 0.4018

Triad

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



28.8625, 0.4246, 0.3610



28.8625, 0.2690, 0.3885



28.8625, 0.2472, 0.2404

Complementary

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



28.8625, 0.4246, 0.3610



37.7601, 0.2441, 0.2930

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.



28.8625, 0.2186, 0.2498



28.8625, 0.4246, 0.3610



28.8625, 0.2297, 0.3319

Square

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



28.8625, 0.4246, 0.3610



28.8625, 0.3222, 0.4258



28.8625, 0.2124, 0.2811



28.8625, 0.2950, 0.2511

Rectangle

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



28.8625, 0.4246, 0.3610



28.8625, 0.3907, 0.4220



28.8625, 0.2124, 0.2811



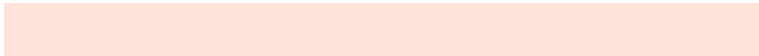
28.8625, 0.2353, 0.2412

Sweetspot

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



28.8639, 0.4246, 0.3610



82.1138, 0.3374, 0.3382



25.3522, 0.3448, 0.2403



17.0369, 0.3418, 0.3397



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.



28.8639, 0.4246, 0.3610



43.1900, 0.4623, 0.3668



44.0038, 0.3947, 0.4183



11.0705, 0.3283, 0.3350



9.4449, 0.6049, 0.3579



0.5679, 0.5626, 0.3915

Inverse Universe

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



37.7601, 0.2441, 0.2930



60.5667, 0.2314, 0.2834



22.6887, 0.2305, 0.2187



11.5906, 0.2984, 0.3230



16.4393, 0.2013, 0.2448



0.8899, 0.2068, 0.2644

Previews

White Background



This preview shows how the Yxy color 28.8625, 0.4246, 0.3610 looks on a white background.

Color Contrast Check

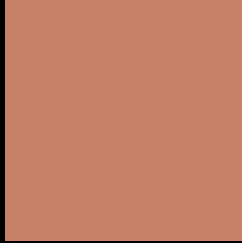
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8625, 0.4246, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

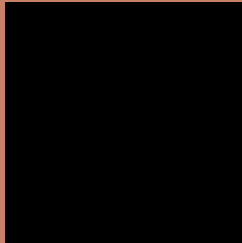
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8625, 0.4246, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 28.8625, 0.4246, 0.3610.



This preview shows how white text looks on a background with the Yxy color 28.8625, 0.4246, 0.3610.

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

28.8625, 0.4246, 0.3610

Protanopia

28.9181, 0.3581, 0.3812

Deuteranopia

28.8494, 0.3924, 0.3836



Tritanopia

28.8060, 0.3936, 0.3174

Trichromacy



Original Color

28.8625, 0.4246, 0.3610

Protanomaly

28.6526, 0.3813, 0.3740

Deuteranomaly

28.7981, 0.4041, 0.3746

Tritanomaly

28.6311, 0.4057, 0.3333

Monochromacy



Original Color

28.8625, 0.4246, 0.3610

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5291, 0.3501, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8625, 0.4246, 0.3610 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(199, 129, 105)` looks like.

```
.text, #text, p{  
    color:rgb(199, 129, 105)  
}
```

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(199, 129, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 129, 105) }
```

Border

The CSS property to change the border of an element to Yxy 28.8625, 0.4246, 0.3610 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(199, 129, 105) }
```

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

```
.border{ border-color:rgb(199, 129, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 129, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 129, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 129, 105);  
box-shadow:4px 4px 4px 4px rgb(199, 129,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8625, 0.4246, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 129, 105) }
```

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

```
.background{ background-color: rgb(199,  
129, 105) }
```

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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