

Converting Colors

$Y_{xy}(30.0942, 0.4059, 0.3470)$

Have a look what the booklet for
Yxy(30.0942, 0.4059, 0.3470)
contains.

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Color

Yxy(29.9766, 0.4062, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	C78477
RGB	199, 132, 119
RGB Percent	78%, 52%, 47%
CMY	0.2196, 0.4823, 0.5334
CMYK	0.00, 0.34, 0.40, 0.22
HSL	10°, 42%, 62%
HSV	10°, 40%, 78%
XYZ	35.1313, 29.9766, 21.3797
YIQ	150.5510, 44.1050, 10.1610

Conversions

Conversions Part 2

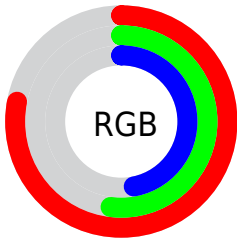
Format	Color
R _Y B	199, 135, 119
Decimal	13075575
CIE Lab	61.63, 24.20, 17.61
CIE LCh	62, 29.927, 36.036
Yxy	29.9766, 0.4062, 0.3466
Android (android.graphics.Color)	4291265655 (0xFFC78477)
YUV	150.5510, -15.5546, 42.4898
Hunter-Lab	54.7509, 18.7216, 15.1734

Details

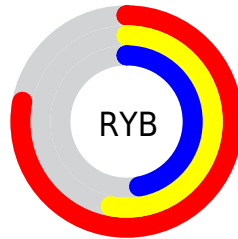
The Yxy color **29.9766, 0.4062, 0.3466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1425, 0.2550, 0.3102**, and the grayscale version is **30.7995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3181, 0.3847, 0.3450**, and **12.3292, 0.4381, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **25.3858, 0.4417, 0.3506**, and if you desaturate by 10%, it is **35.3918, 0.3760, 0.3421**.

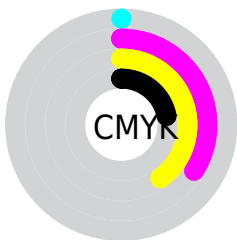
Distribution



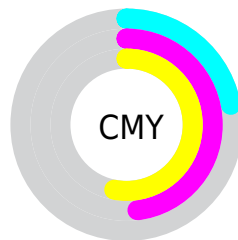
- Red (78%)
- Green (52%)
- Blue (47%)



- Red (78%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (22%)





- Cyan (22%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9766, 0.4062, 0.3466 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 29.9766, 0.4062, 0.3466 by changing the saturation by 10% instead.


 29.9766, 0.4062,
0.3466


 29.9766, 0.4062,
0.3466


301.7954, 0.3556,
0.3389

 19.8208, 0.4201,
0.3480


 59.6252, 0.3868,
0.3441

 12.2649, 0.4388,
0.3493


 79.8868, 0.3799,
0.3431

 6.9243, 0.4649,
0.3502


 104.2857, 0.3741,
0.3422

 3.4148, 0.5037,
0.3492

133.2065, 0.3692,
0.3414

 1.3519, 0.5950,
0.3594

167.0335, 0.3650,
0.3406

 0.1809, 0.8083,
0.1917

206.1510, 0.3614,

 0.0000, 0.0000,

0.3400

0.0000

250.9435, 0.3583,
0.3394

■ 29.9766, 0.4062,
0.3466

■ 29.9766, 0.4062,
0.3466

■ 25.3858, 0.4417,
0.3506

■ 35.3918, 0.3760,
0.3421

■ 21.5745, 0.4818,
0.3536

■ 41.6646, 0.3508,
0.3376

■ 18.5002, 0.5246,
0.3546


■ 48.8318, 0.3301,
0.3332


■ 16.1146, 0.5659,
0.3530

■ 56.9266, 0.3130,
0.3291


■ 14.3633, 0.6005,
0.3484

■ 65.9807, 0.2990,
0.3253

 13.1965, 0.6246,
0.3423

 76.0242, 0.2874,
0.3219

 86.8734, 0.2795,
0.3222

 90.8808, 0.2800,
0.3289

Harmonies

Analogous

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



29.9766, 0.3787, 0.3085



29.9766, 0.4062, 0.3466



29.9766, 0.4059, 0.3837

Triad

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



29.9766, 0.4062, 0.3466



29.9766, 0.2881, 0.3915



29.9766, 0.2465, 0.2521

Complementary

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



29.9766, 0.4062, 0.3466



43.1425, 0.2550, 0.3102

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.



29.9766, 0.2267, 0.2665



29.9766, 0.4062, 0.3466



29.9766, 0.2490, 0.3465

Square

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



29.9766, 0.4062, 0.3466



29.9766, 0.3358, 0.4155



29.9766, 0.2274, 0.2997



29.9766, 0.2842, 0.2563

Rectangle

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



29.9766, 0.4062, 0.3466



29.9766, 0.3906, 0.4034



29.9766, 0.2274, 0.2997



29.9766, 0.2377, 0.2548

Sweetspot

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



29.9781, 0.4062, 0.3466



82.9155, 0.3339, 0.3340



28.9164, 0.3299, 0.2439



17.3805, 0.3365, 0.3346



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.



29.9781, 0.4062, 0.3466



45.5747, 0.4360, 0.3501



42.5927, 0.3854, 0.3962



10.9114, 0.3286, 0.3328



8.5727, 0.6227, 0.3438



0.4959, 0.5863, 0.3727

Inverse Universe

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



43.1425, 0.2550, 0.3102



71.6249, 0.2448, 0.3055



28.9052, 0.2457, 0.2506



11.7620, 0.2984, 0.3251



20.4330, 0.2102, 0.2768



1.0482, 0.2136, 0.2888

Previews

White Background



This preview shows how the Yxy color 29.9766, 0.4062, 0.3466 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 29.9766, 0.4062, 0.3466 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 29.9766, 0.4062, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 29.9766, 0.4062, 0.3466.



This preview shows how white text looks on a background with the Yxy color 29.9766, 0.4062, 0.3466.

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

29.9766, 0.4062, 0.3466

Protanopia

30.1953, 0.3428, 0.3634

Deuteranopia

30.0432, 0.3756, 0.3674



Tritanopia

29.9821, 0.3858, 0.3161

Trichromacy



Original Color

29.9766, 0.4062, 0.3466

Protanomaly

29.8708, 0.3646, 0.3574

Deuteranomaly

29.9636, 0.3867, 0.3590

Tritanomaly

29.9106, 0.3927, 0.3266

Monochromacy



Original Color

29.9766, 0.4062, 0.3466

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.1354, 0.3438, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9766, 0.4062, 0.3466 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, 132, 119)` looks like.

```
.text, #text, p{  
    color:rgb(199, 132, 119)  
}
```

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, 132, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 132, 119) }
```

Border

The CSS property to change the border of an element to Yxy 29.9766, 0.4062, 0.3466 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, 132, 119) }
```

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

```
.border{ border-color:rgb(199, 132, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 132, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 132, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 132, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 132,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9766, 0.4062, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 132, 119) }
```

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

```
.background{ background-color: rgb(199,  
132, 119) }
```

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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