

Converting Colors

$Yxy(29.4041, 0.4049, 0.3476)$

Have a look what the booklet for
Yxy(29.4041, 0.4049, 0.3476)
contains.

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Color

Yxy(29.2764, 0.4045, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	C48376
RGB	196, 131, 118
RGB Percent	77%, 51%, 46%
CMY	0.2315, 0.4862, 0.5372
CMYK	0.00, 0.33, 0.40, 0.23
HSL	10°, 40%, 62%
HSV	10°, 40%, 77%
XYZ	34.1474, 29.2764, 20.9949
YIQ	148.9530, 42.9130, 9.7370

Conversions

Conversions Part 2

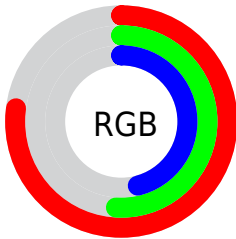
Format	Color
R _Y B	196, 134, 118
Decimal	12878710
CIE Lab	61.02, 23.44, 17.26
CIE LCh	61, 29.111, 36.356
Yxy	29.2764, 0.4045, 0.3468
Android (android.graphics.Color)	4291068790 (0xFFC48376)
YUV	148.9530, -15.2598, 41.2602
Hunter-Lab	54.1077, 17.9630, 14.8696

Details

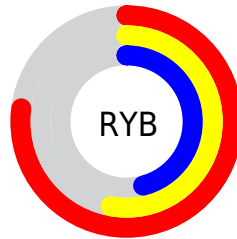
The Yxy color **29.2764, 0.4045, 0.3468** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6937, 0.2555, 0.3100**, and the grayscale version is **30.0871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2541, 0.3854, 0.3440**, and **11.9025, 0.4362, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **24.8124, 0.4396, 0.3510**, and if you desaturate by 10%, it is **34.5314, 0.3747, 0.3422**.

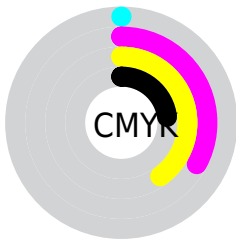
Distribution



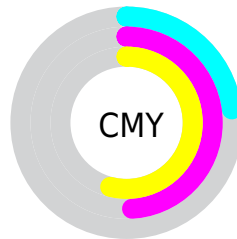
- Red (77%)
- Green (51%)
- Blue (46%)



- Red (77%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2764, 0.4045, 0.3468 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 29.2764, 0.4045, 0.3468 by changing the saturation by 10% instead.


 29.2764, 0.4045,
0.3468

 29.2764, 0.4045,
0.3468


298.5169, 0.3546,
0.3389


 19.2900, 0.4183,
0.3483


 58.5159, 0.3854,
0.3442

 11.8800, 0.4369,
0.3497


 78.5379, 0.3785,
0.3432

 6.6620, 0.4630,
0.3508


 102.6738, 0.3728,
0.3422

 3.2517, 0.5019,
0.3500

131.3081, 0.3680,
0.3414

 1.2645, 0.6003,
0.3644

164.8252, 0.3639,
0.3407

 0.1135, 0.8570,
0.1430

203.6094, 0.3604,

 0.0000, 0.0000,

0.3400

0.0000

248.0451, 0.3573,
0.3394

■ 29.2764, 0.4045,
0.3468

■ 29.2764, 0.4045,
0.3468

■ 24.8124, 0.4396,
0.3510

■ 34.5314, 0.3747,
0.3422

■ 21.0968, 0.4793,
0.3540

■ 40.6088, 0.3498,
0.3376

■ 18.0894, 0.5218,
0.3552

■ 47.5435, 0.3293,
0.3331


■ 15.7445, 0.5632,
0.3538

■ 55.3671, 0.3124,
0.3289

■ 14.0108, 0.5983,
0.3493


■ 64.1098, 0.2985,
0.3251

 12.8234, 0.6233,
0.3430

 73.8000, 0.2870,
0.3216

 12.8027, 0.6238,
0.3429

 84.4524, 0.2775,
0.3186

 90.4726, 0.2784,
0.3289

Harmonies

Analogous

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



29.2764, 0.3778, 0.3093



29.2764, 0.4045, 0.3468



29.2764, 0.4039, 0.3831

Triad

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



29.2764, 0.4045, 0.3468



29.2764, 0.2882, 0.3898



29.2764, 0.2480, 0.2535

Complementary

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



29.2764, 0.4045, 0.3468



41.6937, 0.2555, 0.3100

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.



29.2764, 0.2283, 0.2675



29.2764, 0.4045, 0.3468



29.2764, 0.2499, 0.3457

Square

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



29.2764, 0.4045, 0.3468



29.2764, 0.3349, 0.4136



29.2764, 0.2289, 0.3000



29.2764, 0.2852, 0.2577

Rectangle

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



29.2764, 0.4045, 0.3468



29.2764, 0.3888, 0.4023



29.2764, 0.2289, 0.3000



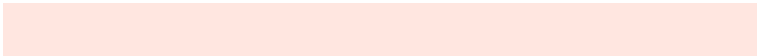
29.2764, 0.2393, 0.2560

Sweetspot

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



29.2778, 0.4045, 0.3468



82.9810, 0.3338, 0.3341



28.1111, 0.3311, 0.2463



17.3958, 0.3365, 0.3347



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.



29.2778, 0.4045, 0.3468



45.7288, 0.4357, 0.3506



41.7863, 0.3838, 0.3969



10.3433, 0.3285, 0.3329



8.3151, 0.6219, 0.3444



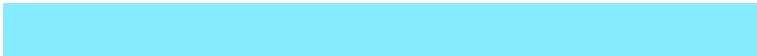
0.4458, 0.5828, 0.3755

Inverse Universe

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



41.6937, 0.2555, 0.3100



71.3550, 0.2447, 0.3050



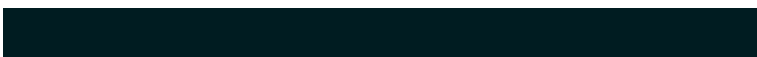
27.7841, 0.2462, 0.2496



11.1332, 0.2984, 0.3251



19.5722, 0.2099, 0.2756



0.9233, 0.2135, 0.2887

Previews

White Background



This preview shows how the Yxy color 29.2764, 0.4045, 0.3468 looks on a white background.

Color Contrast Check

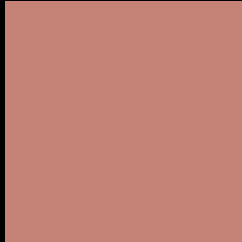
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2764, 0.4045, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

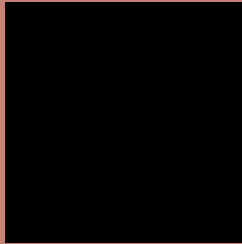
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2764, 0.4045, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 29.2764, 0.4045, 0.3468.



This preview shows how white text looks on a background with the Yxy color 29.2764, 0.4045, 0.3468.

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

29.2764, 0.4045, 0.3468

Protanopia

29.3424, 0.3422, 0.3622

Deuteranopia

29.4912, 0.3749, 0.3678



Tritanopia

29.2791, 0.3840, 0.3159

Trichromacy



Original Color

29.2764, 0.4045, 0.3468

Protanomaly

29.0259, 0.3642, 0.3562

Deuteranomaly

29.2851, 0.3849, 0.3595

Tritanomaly

29.2095, 0.3910, 0.3265

Monochromacy



Original Color

29.2764, 0.4045, 0.3468

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2880, 0.3431, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2764, 0.4045, 0.3468 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(196, 131, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 131, 118)  
}
```

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(196, 131, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 131, 118) }
```

Border

The CSS property to change the border of an element to Yxy 29.2764, 0.4045, 0.3468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

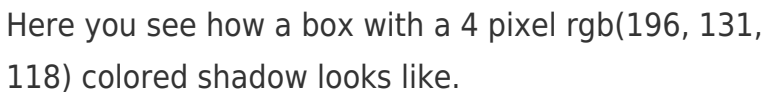
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 131, 118) }
```

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

```
.border{ border-color:rgb(196, 131, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 131, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 131, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 131, 118); box-shadow:4px 4px 4px 4px rgb(196, 131, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2764, 0.4045, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 131, 118) }
```

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

```
.background{ background-color: rgb(196,  
131, 118) }
```

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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