

Converting Colors

$Y_{xy}(30.2652, 0.4054, 0.3545)$

Have a look what the booklet for
Yxy(30.2652, 0.4054, 0.3545)
contains.

Yxy(30.3247, 0.4047, 0.3548)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.3247, 0.4047, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	C48774
RGB	196, 135, 116
RGB Percent	77%, 53%, 45%
CMY	0.2312, 0.4706, 0.5451
CMYK	0.00, 0.31, 0.41, 0.23
HSL	14°, 40%, 61%
HSV	14°, 41%, 77%
XYZ	34.5896, 30.3247, 20.5555
YIQ	151.0730, 42.4550, 7.0230

Conversions

Conversions Part 2

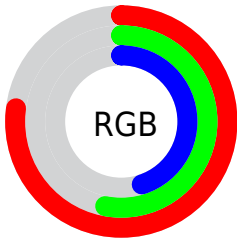
Format	Color
R _Y B	196, 141, 116
Decimal	12879732
CIE Lab	61.93, 21.06, 19.64
CIE LCh	62, 28.791, 43.000
Yxy	30.3247, 0.4047, 0.3548
Android (android.graphics.Color)	4291069812 (0xFFC48774)
YUV	151.0730, -17.2910, 39.4010
Hunter-Lab	55.0679, 15.7520, 16.4160

Details

The Yxy color **30.3247, 0.4047, 0.3548** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1710, 0.2528, 0.3010**, and the grayscale version is **31.0435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2932, 0.3854, 0.3513**, and **12.4898, 0.4356, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **26.0332, 0.4381, 0.3607**, and if you desaturate by 10%, it is **35.3017, 0.3758, 0.3483**.

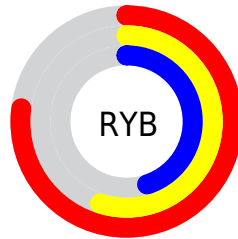
Distribution



Red (77%)

Green (53%)

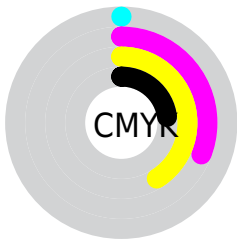
Blue (45%)



Red (77%)

Yellow (55%)

Blue (45%)

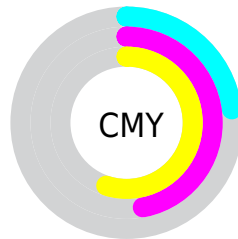


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3247, 0.4047, 0.3548 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 30.3247, 0.4047, 0.3548 by changing the saturation by 10% instead.


 30.3247, 0.4047,
0.3548


 30.3247, 0.4047,
0.3548


303.4150, 0.3550,
0.3427


 20.0852, 0.4183,
0.3573


 60.1753, 0.3858,
0.3507

 12.4570, 0.4364,
0.3602


 80.5552, 0.3789,
0.3491

 7.0557, 0.4617,
0.3631


 105.0839, 0.3732,
0.3477

 3.4970, 0.4989,
0.3649

134.1460, 0.3684,
0.3464

 1.3964, 0.5955,
0.3863

168.1257, 0.3643,
0.3453

 0.2140, 0.7702,
0.2298

207.4075, 0.3608,

 0.0000, 0.0000,

0.3444

0.0000

252.3759, 0.3577,
0.3435

■ 30.3247, 0.4047,
0.3548

■ 30.3247, 0.4047,
0.3548

■ 26.0332, 0.4381,
0.3607

■ 35.3017, 0.3758,
0.3483

■ 22.3924, 0.4756,
0.3651

■ 40.9881, 0.3514,
0.3418

■ 19.3708, 0.5153,
0.3672

■ 47.4124, 0.3310,
0.3354


■ 16.9327, 0.5540,
0.3658

■ 54.5999, 0.3140,
0.3295


■ 15.0382, 0.5874,
0.3604


■ 62.5747, 0.2998,
0.3240

 13.7332, 0.6111,
0.3530

 71.3600, 0.2880,
0.3190

 80.9778, 0.2780,
0.3144

 90.2466, 0.2784,
0.3285

 90.4813, 0.2784,
0.3289

Harmonies

Analogous

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



30.3247, 0.3841, 0.3177



30.3247, 0.4047, 0.3548



30.3247, 0.3982, 0.3890

Triad

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



30.3247, 0.4047, 0.3548



30.3247, 0.2794, 0.3799



30.3247, 0.2561, 0.2545

Complementary

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



30.3247, 0.4047, 0.3548



39.1710, 0.2528, 0.3010

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.



30.3247, 0.2327, 0.2642



30.3247, 0.4047, 0.3548



30.3247, 0.2451, 0.3349

Square

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



30.3247, 0.4047, 0.3548



30.3247, 0.3243, 0.4088



30.3247, 0.2287, 0.2922



30.3247, 0.2957, 0.2623

Rectangle

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



30.3247, 0.4047, 0.3548



30.3247, 0.3802, 0.4054



30.3247, 0.2287, 0.2922



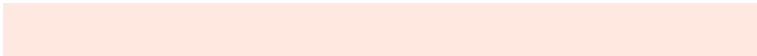
30.3247, 0.2463, 0.2557

Sweetspot

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



30.3262, 0.4047, 0.3548



84.1830, 0.3336, 0.3363



27.4231, 0.3377, 0.2503



17.6768, 0.3361, 0.3371



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.



30.3262, 0.4047, 0.3548



47.9026, 0.4344, 0.3601



43.5454, 0.3832, 0.4051



10.4570, 0.3283, 0.3345



8.9328, 0.6087, 0.3549



0.4964, 0.5640, 0.3904

Inverse Universe

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



39.1710, 0.2528, 0.3010



66.0225, 0.2415, 0.2937



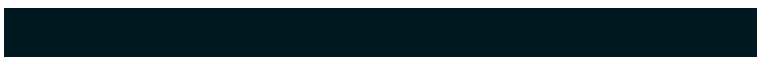
25.6922, 0.2430, 0.2386



11.0105, 0.2984, 0.3234



16.6176, 0.2032, 0.2514



0.8184, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 30.3247, 0.4047, 0.3548 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 30.3247, 0.4047, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

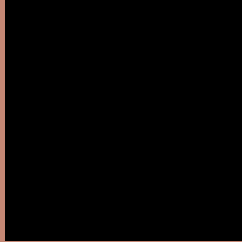
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3247, 0.4047, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 30.3247, 0.4047, 0.3548.



This preview shows how white text looks on a background with the Yxy color 30.3247, 0.4047, 0.3548.

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

30.3247, 0.4047, 0.3548

Protanopia

30.6137, 0.3487, 0.3710

Deuteranopia

30.3915, 0.3795, 0.3731



Tritanopia

30.1615, 0.3792, 0.3159

Trichromacy



Original Color

30.3247, 0.4047, 0.3548

Protanomaly

30.3775, 0.3681, 0.3663

Deuteranomaly

30.3548, 0.3879, 0.3662

Tritanomaly

30.0388, 0.3884, 0.3292

Monochromacy



Original Color

30.3247, 0.4047, 0.3548

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3013, 0.3435, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3247, 0.4047, 0.3548 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, 135, 116)` looks like.

```
.text, #text, p{  
    color:rgb(196, 135, 116)  
}
```

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, 135, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 135, 116) }
```

Border

The CSS property to change the border of an element to Yxy 30.3247, 0.4047, 0.3548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

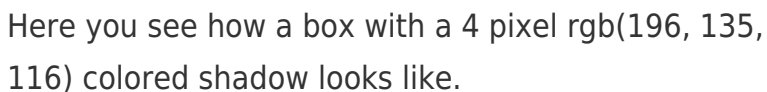
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 135, 116) }
```

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

```
.border{ border-color:rgb(196, 135, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 135, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 135, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 135, 116); box-shadow:4px 4px 4px 4px rgb(196, 135, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3247, 0.4047, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 135, 116) }
```

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

```
.background{ background-color: rgb(196,  
135, 116) }
```

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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