

Converting Colors

$Yxy(29.0657, 0.3707, 0.3412)$

Have a look what the booklet for
Yxy(29.0657, 0.3707, 0.3412)
contains.

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Color

Yxy(29.1796, 0.3705, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	B48981
RGB	180, 137, 129
RGB Percent	71%, 54%, 51%
CMY	0.2941, 0.4627, 0.4940
CMYK	0.00, 0.24, 0.28, 0.29
HSL	9°, 25%, 61%
HSV	9°, 28%, 71%
XYZ	31.7319, 29.1796, 24.7346
YIQ	148.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

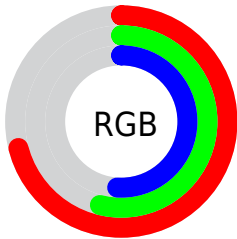
Format	Color
RYB	180, 138, 129
Decimal	11831681
CIELab	60.94, 15.22, 10.62
CIElCh	61, 18.563, 34.903
Yxy	29.1796, 0.3705, 0.3407
Android (android.graphics.Color)	4290021761 (0xFFB48981)
YUV	148.9450, -9.8329, 27.2352
Hunter-Lab	54.0181, 10.3244, 10.6642

Details

The Yxy color **29.1796, 0.3705, 0.3407** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4762, 0.2710, 0.3169**, and the grayscale version is **30.0650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6435, 0.3585, 0.3391**, and **11.8312, 0.3907, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **24.7267, 0.3995, 0.3450**, and if you desaturate by 10%, it is **34.3269, 0.3464, 0.3364**.

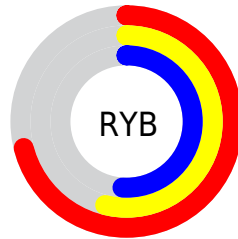
Distribution



Red (71%)

Green (54%)

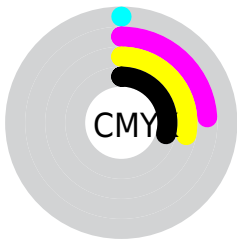
Blue (51%)



Red (71%)

Yellow (54%)

Blue (51%)

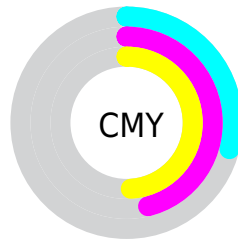


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1796, 0.3705, 0.3407 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 29.1796, 0.3705, 0.3407 by changing the saturation by 10% instead.


 29.1796, 0.3705,
0.3407

 29.1796, 0.3705,
0.3407


298.0614, 0.3391,
0.3350

 19.2167, 0.3793,
0.3420


 58.3623, 0.3584,
0.3387

 11.8270, 0.3911,
0.3435


 78.3509, 0.3541,
0.3379

 6.6260, 0.4081,
0.3454


 102.4503, 0.3505,
0.3373

 3.2293, 0.4340,
0.3472

131.0447, 0.3475,
0.3367

 1.2526, 0.4851,
0.3527

164.5187, 0.3449,
0.3362

 0.1040, 0.8189,
0.1811

203.2565, 0.3427,

 0.0000, 0.0000,

0.3358

0.0000

247.6426, 0.3408,
0.3354

■ 29.1796, 0.3705,
0.3407

■ 29.1796, 0.3705,
0.3407

■ 24.7267, 0.3995,
0.3450

■ 34.3269, 0.3464,
0.3364

■ 20.9345, 0.4338,
0.3490

■ 40.1923, 0.3265,
0.3322

■ 17.7725, 0.4730,
0.3521

■ 46.8035, 0.3102,
0.3284

■ 15.2062, 0.5153,
0.3535

■ 54.1856, 0.2968,
0.3248

■ 13.1978, 0.5574,
0.3526

■ 62.3622, 0.2856,
0.3216

■ 11.7050, 0.5940,
0.3488

■ 71.3563, 0.2764,
0.3187

■ 10.6762, 0.6208,
0.3430

■ 81.1883, 0.2687,
0.3161

■ 10.5431, 0.6246,
0.3422

■ 88.4436, 0.2701,
0.3289

Harmonies

Analogous

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



29.1796, 0.3530, 0.3156



29.1796, 0.3705, 0.3407



29.1796, 0.3715, 0.3643

Triad

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



29.1796, 0.3705, 0.3407



29.1796, 0.2990, 0.3677



29.1796, 0.2697, 0.2797

Complementary

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



29.1796, 0.3705, 0.3407



37.4762, 0.2710, 0.3169

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.



29.1796, 0.2569, 0.2905



29.1796, 0.3705, 0.3407



29.1796, 0.2732, 0.3415

Square

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



29.1796, 0.3705, 0.3407



29.1796, 0.3294, 0.3821



29.1796, 0.2582, 0.3128



29.1796, 0.2940, 0.2814

Rectangle

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



29.1796, 0.3705, 0.3407



29.1796, 0.3628, 0.3761



29.1796, 0.2582, 0.3128



29.1796, 0.2640, 0.2819

Sweetspot

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



29.1810, 0.3705, 0.3407



73.0869, 0.3262, 0.3322



28.4011, 0.3239, 0.2693



15.4348, 0.3289, 0.3328



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.1810, 0.3705, 0.3407



47.7124, 0.3880, 0.3434



37.1855, 0.3610, 0.3757



8.7131, 0.3283, 0.3326



7.4239, 0.6230, 0.3435



0.2998, 0.5779, 0.3793

Inverse Universe

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



37.4762, 0.2710, 0.3169



65.2282, 0.2626, 0.3139



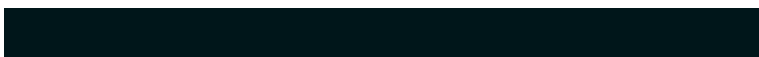
28.7887, 0.2670, 0.2774



9.4004, 0.2986, 0.3253



18.0113, 0.2109, 0.2792



0.6275, 0.2151, 0.2944

Previews

White Background



This preview shows how the Yxy color 29.1796, 0.3705, 0.3407 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 29.1796, 0.3705, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

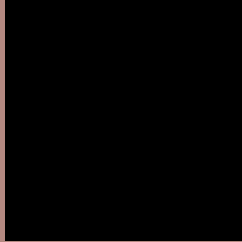
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1796, 0.3705, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 29.1796, 0.3705, 0.3407.



This preview shows how white text looks on a background with the Yxy color 29.1796, 0.3705, 0.3407.

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

29.1796, 0.3705, 0.3407

Protanopia

29.3610, 0.3319, 0.3496

Deuteranopia

29.2293, 0.3561, 0.3503



Tritanopia

29.3174, 0.3552, 0.3149

Trichromacy



Original Color

29.1796, 0.3705, 0.3407

Protanomaly

29.0974, 0.3459, 0.3460

Deuteranomaly

29.0853, 0.3614, 0.3470

Tritanomaly

29.2962, 0.3606, 0.3249

Monochromacy



Original Color

29.1796, 0.3705, 0.3407

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6774, 0.3317, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1796, 0.3705, 0.3407 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(180, 137, 129)` looks like.

```
.text, #text, p{  
    color:rgb(180, 137, 129)  
}
```

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(180, 137, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 137, 129) }
```

Border

The CSS property to change the border of an element to Yxy 29.1796, 0.3705, 0.3407 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(180, 137, 129) }
```

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

```
.border{ border-color:rgb(180, 137, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 137, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 137, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 137, 129);  
box-shadow:4px 4px 4px 4px rgb(180, 137,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1796, 0.3705, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 137, 129) }
```

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

```
.background{ background-color: rgb(180,  
137, 129) }
```

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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