

Converting Colors

$Yxy(29.7662, 0.3819, 0.3207)$

Have a look what the booklet for
Yxy(29.7662, 0.3819, 0.3207)
contains.

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Color

Yxy(29.7745, 0.3818, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	C48389
RGB	196, 131, 137
RGB Percent	77%, 51%, 54%
CMY	0.2312, 0.4863, 0.4627
CMYK	0.00, 0.33, 0.30, 0.23
HSL	354°, 36%, 64%
HSV	354°, 33%, 77%
XYZ	35.4030, 29.7745, 27.5491
YIQ	151.1190, 36.8140, 15.6460

Conversions

Conversions Part 2

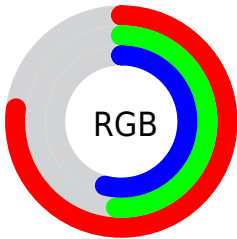
Format	Color
R_{YB}	196, 131, 137
Decimal	12878729
CIE _{Lab}	61.46, 25.88, 7.05
CIE _{LCh}	61, 26.821, 15.248
Yxy	29.7745, 0.3818, 0.3211
Android (android.graphics.Color)	4291068809 (0xFFC48389)
YUV	151.1190, -6.9607, 39.3606
Hunter-Lab	54.5660, 20.3221, 8.2621

Details

The Yxy color **29.7745, 0.3818, 0.3211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0374, 0.2697, 0.3373**, and the grayscale version is **31.0205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4865, 0.3677, 0.3239**, and **12.2357, 0.4071, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **24.5303, 0.4138, 0.3188**, and if you desaturate by 10%, it is **36.1018, 0.3556, 0.3236**.

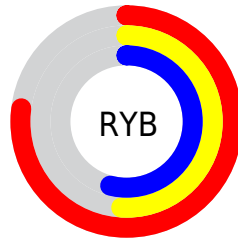
Distribution



Red (77%)

Green (51%)

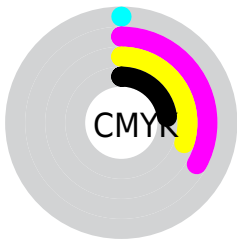
Blue (54%)



Red (77%)

Yellow (51%)

Blue (54%)

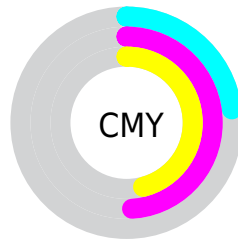


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (23%)



Cyan (23%)


Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7745, 0.3818, 0.3211 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 29.7745, 0.3818, 0.3211 by changing the saturation by 10% instead.


 29.7745, 0.3818,
0.3211


 29.7745, 0.3818,
0.3211


300.8519, 0.3444,
0.3260


 19.6675, 0.3922,
0.3195


 59.3054, 0.3675,
0.3231

 12.1536, 0.4062,
0.3172


 79.4980, 0.3623,
0.3238

 6.8484, 0.4260,
0.3135


 103.8214, 0.3581,
0.3244

 3.3674, 0.4562,
0.3073

132.6598, 0.3545,
0.3248

 1.3264, 0.5075,
0.2950

166.3976, 0.3514,
0.3252

 0.1615, 0.8294,
0.1706

205.4193, 0.3487,

 0.0000, 0.0000,


0.3255


0.0000


250.1093, 0.3464,
0.3258


 29.7745, 0.3818,
0.3211


 29.7745, 0.3818,
0.3211


 24.5303, 0.4138,
0.3188


 36.1018, 0.3556,
0.3236


 20.3046, 0.4519,
0.3169


 43.5639, 0.3344,
0.3260


 17.0324, 0.4950,
0.3159

 52.2139, 0.3174,
0.3283

 14.6393, 0.5403,
0.3163

 62.1006, 0.3037,
0.3304

 13.0401, 0.5824,
0.3184

 73.2700, 0.2927,
0.3324

■ 12.1326, 0.6150,
0.3222

■ 85.7657, 0.2837,
0.3341

■ 11.7842, 0.6302,
0.3245

■ 90.4801, 0.2784,
0.3289

Harmonies

Analogous

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



29.7745, 0.3444, 0.2895



29.7745, 0.3818, 0.3211



29.7745, 0.3993, 0.3562

Triad

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



29.7745, 0.3818, 0.3211



29.7745, 0.3205, 0.4022



29.7745, 0.2384, 0.2668

Complementary

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



29.7745, 0.3818, 0.3211



48.0374, 0.2697, 0.3373

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.



29.7745, 0.2332, 0.2922



29.7745, 0.3818, 0.3211



29.7745, 0.2787, 0.3737

Square

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



29.7745, 0.3818, 0.3211



29.7745, 0.3621, 0.4062



29.7745, 0.2473, 0.3315



29.7745, 0.2619, 0.2588

Rectangle

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



29.7745, 0.3818, 0.3211



29.7745, 0.3969, 0.3781



29.7745, 0.2473, 0.3315



29.7745, 0.2345, 0.2734

Sweetspot

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



29.7759, 0.3818, 0.3211



83.3939, 0.3289, 0.3267



31.1030, 0.3099, 0.2459



17.3892, 0.3314, 0.3264



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.



29.7759, 0.3818, 0.3211



46.6665, 0.4051, 0.3193



37.4945, 0.3777, 0.3638



10.0927, 0.3275, 0.3269



7.5748, 0.6282, 0.3234



0.3325, 0.5902, 0.3025

Inverse Universe

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



29.7759, 0.3818, 0.3211



46.6665, 0.4051, 0.3193



37.5665, 0.2613, 0.2912



10.0927, 0.3275, 0.3269



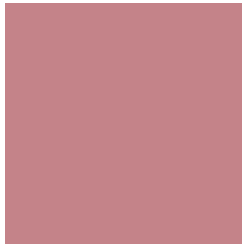
7.5748, 0.6282, 0.3234



0.3325, 0.5902, 0.3025

Previews

White Background



This preview shows how the Yxy color 29.7745, 0.3818, 0.3211 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 29.7745, 0.3818, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

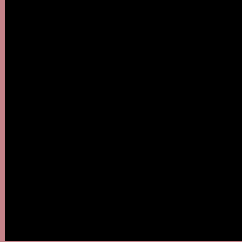
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7745, 0.3818, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 29.7745, 0.3818, 0.3211.



This preview shows how white text looks on a background with the Yxy color 29.7745, 0.3818, 0.3211.

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

29.7745, 0.3818, 0.3211

Protanopia

29.9305, 0.3188, 0.3321

Deuteranopia

29.7190, 0.3483, 0.3411



Tritanopia

29.5945, 0.3786, 0.3157

Trichromacy



Original Color

29.7745, 0.3818, 0.3211

Protanomaly

29.6540, 0.3400, 0.3276

Deuteranomaly

29.7078, 0.3596, 0.3335

Tritanomaly

29.5651, 0.3798, 0.3171

Monochromacy



Original Color

29.7745, 0.3818, 0.3211

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2373, 0.3354, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7745, 0.3818, 0.3211 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(196, 131, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 131, 137) }
```

Border

The CSS property to change the border of an element to Yxy 29.7745, 0.3818, 0.3211 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, 137) }
```

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

```
.border{ border-color:rgb(196, 131, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(196, 131,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7745, 0.3818, 0.3211 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, 137) }
```

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

```
.background{ background-color: rgb(196,  
131, 137) }
```

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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