

Converting Colors

$Y_{xy}(29.0789, 0.3792, 0.3130)$

Have a look what the booklet for
Yxy(29.0789, 0.3792, 0.3130)
contains.

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Color

Yxy(29.0676, 0.3793, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	C4808C
RGB	196, 128, 140
RGB Percent	77%, 50%, 55%
CMY	0.2314, 0.4980, 0.4511
CMYK	0.00, 0.35, 0.29, 0.23
HSL	349°, 37%, 64%
HSV	349°, 35%, 77%
XYZ	35.2135, 29.0676, 28.5570
YIQ	149.7000, 36.6760, 18.1480

Conversions

Conversions Part 2

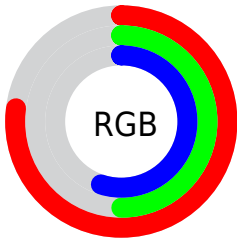
Format	Color
R_{YB}	196, 128, 140
Decimal	12877964
CIE _{Lab}	60.84, 27.90, 4.46
CIE _{LCh}	61, 28.252, 9.091
Yxy	29.0676, 0.3793, 0.3131
Android (android.graphics.Color)	4291068044 (0xFFC4808C)
YUV	149.7000, -4.7821, 40.6051
Hunter-Lab	53.9144, 22.2348, 6.3358

Details

The Yxy color **29.0676, 0.3793, 0.3131** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5250, 0.2715, 0.3459**, and the grayscale version is **30.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3770, 0.3658, 0.3176**, and **11.8497, 0.4035, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **23.9980, 0.4089, 0.3086**, and if you desaturate by 10%, it is **35.1973, 0.3549, 0.3179**.

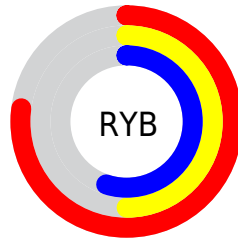
Distribution



Red (77%)

Green (50%)

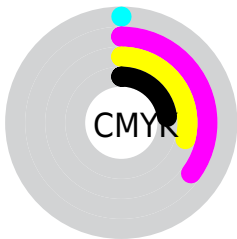
Blue (55%)



Red (77%)

Yellow (50%)

Blue (55%)

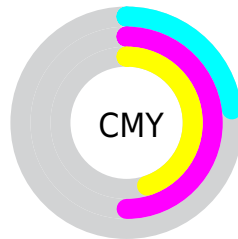


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0676, 0.3793, 0.3131 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 29.0676, 0.3793, 0.3131 by changing the saturation by 10% instead.


 29.0676, 0.3793,
0.3131


 29.0676, 0.3793,
0.3131

297.5338, 0.3432,
0.3221


 19.1320, 0.3893,
0.3104


 58.1845, 0.3655,
0.3167

 11.7657, 0.4029,
0.3067


 78.1345, 0.3605,
0.3179

 6.5843, 0.4222,
0.3013


 102.1914, 0.3564,
0.3189

 3.2035, 0.4517,
0.2924

130.7397, 0.3529,
0.3198

 1.2389, 0.5019,
0.2762

164.1637, 0.3499,
0.3205

 0.0931, 0.8920,
0.1080

202.8477, 0.3474,

 0.0000, 0.0000,

0.3211

0.0000

247.1763, 0.3452,
0.3217

■ 29.0676, 0.3793,
0.3131

■ 29.0676, 0.3793,
0.3131

■ 23.9980, 0.4089,
0.3086

■ 35.1973, 0.3549,
0.3179

■ 19.9243, 0.4439,
0.3049

■ 42.4384, 0.3351,
0.3226

■ 16.7817, 0.4837,
0.3027


■ 50.8435, 0.3191,
0.3270


■ 14.4960, 0.5259,
0.3029


■ 60.4611, 0.3062,
0.3312


■ 12.9816, 0.5664,
0.3061

■ 71.3366, 0.2957,
0.3350

 12.1351, 0.6000,
0.3123

 83.5132, 0.2872,
0.3384

 11.8521, 0.6143,
0.3158

 90.3470, 0.2794,
0.3310

 90.4737, 0.2784,
0.3289

Harmonies

Analogous

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



29.0676, 0.3367, 0.2814



29.0676, 0.3793, 0.3131



29.0676, 0.4031, 0.3499

Triad

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



29.0676, 0.3793, 0.3131



29.0676, 0.3303, 0.4102



29.0676, 0.2314, 0.2671

Complementary

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



29.0676, 0.3793, 0.3131



47.5250, 0.2715, 0.3459

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.



29.0676, 0.2301, 0.2973



29.0676, 0.3793, 0.3131



29.0676, 0.2850, 0.3847

Square

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



29.0676, 0.3793, 0.3131



29.0676, 0.3727, 0.4085



29.0676, 0.2489, 0.3410



29.0676, 0.2523, 0.2550

Rectangle

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



29.0676, 0.3793, 0.3131



29.0676, 0.4041, 0.3739



29.0676, 0.2489, 0.3410



29.0676, 0.2287, 0.2752

Sweetspot

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



29.0690, 0.3793, 0.3131



83.5156, 0.3275, 0.3246



29.5589, 0.3039, 0.2406



17.4184, 0.3298, 0.3240



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.



29.0690, 0.3793, 0.3131



45.1892, 0.4025, 0.3095



34.9586, 0.3839, 0.3580



10.1062, 0.3262, 0.3250



7.6259, 0.6114, 0.3142



0.3386, 0.5531, 0.2821

Inverse Universe

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



29.0690, 0.3793, 0.3131



45.1892, 0.4025, 0.3095



39.0259, 0.2601, 0.2978



10.1062, 0.3262, 0.3250



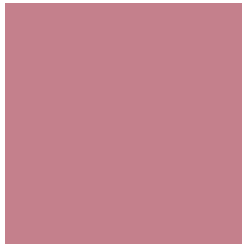
7.6259, 0.6114, 0.3142



0.3386, 0.5531, 0.2821

Previews

White Background



This preview shows how the Yxy color 29.0676, 0.3793, 0.3131 looks on a white background.

Color Contrast Check

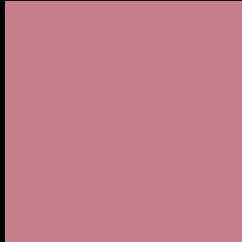
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0676, 0.3793, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

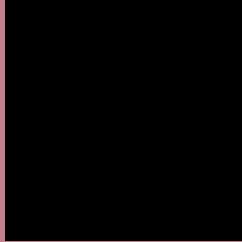
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0676, 0.3793, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 29.0676, 0.3793, 0.3131.



This preview shows how white text looks on a background with the Yxy color 29.0676, 0.3793, 0.3131.

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

29.0676, 0.3793, 0.3131

Protanopia

29.1493, 0.3120, 0.3227

Deuteranopia

29.1515, 0.3431, 0.3367



Tritanopia

29.0091, 0.3817, 0.3157

Trichromacy



Original Color

29.0676, 0.3793, 0.3131

Protanomaly

28.6476, 0.3352, 0.3186

Deuteranomaly

28.9564, 0.3557, 0.3277

Tritanomaly

29.0382, 0.3805, 0.3144

Monochromacy



Original Color

29.0676, 0.3793, 0.3131

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6368, 0.3358, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0676, 0.3793, 0.3131 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, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(196, 128, 140)  
}
```

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, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 128, 140) }
```

Border

The CSS property to change the border of an element to Yxy 29.0676, 0.3793, 0.3131 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, 128, 140) }
```

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

```
.border{ border-color:rgb(196, 128, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 128, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(196, 128,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0676, 0.3793, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 128, 140) }
```

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

```
.background{ background-color: rgb(196,  
128, 140) }
```

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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