

Converting Colors

$Y_{xy}(28.1618, 0.3759, 0.3085)$

Have a look what the booklet for
Yxy(28.1618, 0.3759, 0.3085)
contains.

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Color

Yxy(28.1823, 0.3754, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	C17E8D
RGB	193, 126, 141
RGB Percent	76%, 49%, 55%
CMY	0.2431, 0.5059, 0.4472
CMYK	0.00, 0.35, 0.27, 0.24
HSL	347°, 35%, 63%
HSV	347°, 35%, 76%
XYZ	34.2605, 28.1823, 28.8211
YIQ	147.7430, 35.1170, 18.8690

Conversions

Conversions Part 2

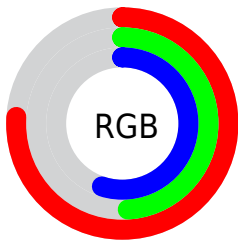
Format	Color
R_{YB}	193, 126, 141
Decimal	12680845
CIE _{Lab}	60.05, 28.03, 2.71
CIE _{LCh}	60, 28.156, 5.526
Yxy	28.1823, 0.3754, 0.3088
Android (android.graphics.Color)	4290870925 (0xFFC17E8D)
YUV	147.7430, -3.3243, 39.6904
Hunter-Lab	53.0870, 22.2953, 4.9721

Details

The Yxy color **28.1823, 0.3754, 0.3088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7954, 0.2735, 0.3506**, and the grayscale version is **29.5051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6896, 0.3622, 0.3123**, and **11.3275, 0.3980, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **23.2981, 0.4030, 0.3030**, and if you desaturate by 10%, it is **34.0818, 0.3526, 0.3149**.

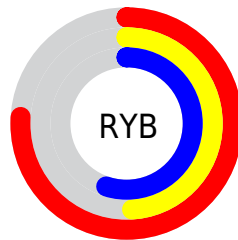
Distribution



Red (76%)

Green (49%)

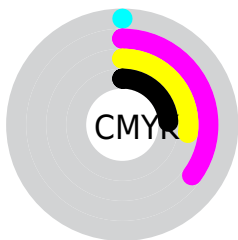
Blue (55%)



Red (76%)

Yellow (49%)

Blue (55%)

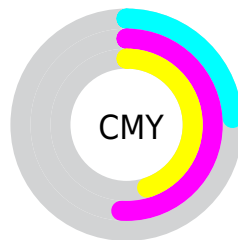


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1823, 0.3754, 0.3088 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 28.1823, 0.3754, 0.3088 by changing the saturation by 10% instead.


 28.1823, 0.3754,
0.3088


 28.1823, 0.3754,
0.3088


293.3370, 0.3413,
0.3200


 18.4631, 0.3849,
0.3056


 56.7754, 0.3623,
0.3132

 11.2830, 0.3978,
0.3011


 76.4180, 0.3576,
0.3147

 6.2575, 0.4162,
0.2947


 100.1373, 0.3537,
0.3160

 3.0023, 0.4446,
0.2845

128.3177, 0.3504,
0.3171

 1.1329, 0.4935,
0.2661

161.3434, 0.3477,
0.3180

 0.0059, 0.9916,
0.0084


199.5989, 0.3453,


 0.0000, 0.0000,


0.3188

0.0000

243.4687, 0.3432,
0.3194

 28.1823, 0.3754,
0.3088

 28.1823, 0.3754,
0.3088


 23.2981, 0.4030,
0.3030


 34.0818, 0.3526,
0.3149


 19.3678, 0.4358,
0.2982


 41.0454, 0.3339,
0.3208


 16.3297, 0.4730,
0.2950

 49.1236, 0.3188,
0.3265


 14.1128, 0.5130,
0.2946


 58.3624, 0.3066,
0.3317

 12.6355, 0.5522,
0.2978

 68.8055, 0.2966,
0.3366

 11.7992, 0.5864,
0.3047

 80.4939, 0.2885,
0.3410

 11.5137, 0.6017,
0.3088

 89.5062, 0.2814,
0.3386

 90.0785, 0.2768,
0.3289

Harmonies

Analogous

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



28.1823, 0.3312, 0.2780



28.1823, 0.3754, 0.3088



28.1823, 0.4022, 0.3455

Triad

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



28.1823, 0.3754, 0.3088



28.1823, 0.3359, 0.4120



28.1823, 0.2296, 0.2693

Complementary

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



28.1823, 0.3754, 0.3088



45.7954, 0.2735, 0.3506

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.



28.1823, 0.2308, 0.3017



28.1823, 0.3754, 0.3088



28.1823, 0.2899, 0.3894

Square

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



28.1823, 0.3754, 0.3088



28.1823, 0.3774, 0.4071



28.1823, 0.2520, 0.3467



28.1823, 0.2485, 0.2550

Rectangle

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



28.1823, 0.3754, 0.3088



28.1823, 0.4055, 0.3700



28.1823, 0.2520, 0.3467



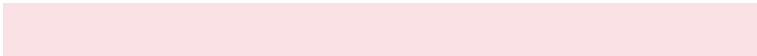
28.1823, 0.2277, 0.2782

Sweetspot

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



28.1836, 0.3754, 0.3088



79.8481, 0.3266, 0.3234



28.1646, 0.3005, 0.2397



16.6977, 0.3288, 0.3226



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.1836, 0.3754, 0.3088



43.3801, 0.3969, 0.3042



32.7528, 0.3855, 0.3535



10.1139, 0.3255, 0.3239



7.6674, 0.5986, 0.3071



0.3420, 0.5347, 0.2719

Inverse Universe

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



28.1836, 0.3754, 0.3088



43.3801, 0.3969, 0.3042



39.0012, 0.2608, 0.3028



10.1139, 0.3255, 0.3239



7.6674, 0.5986, 0.3071



0.3420, 0.5347, 0.2719

Previews

White Background



This preview shows how the Yxy color 28.1823, 0.3754, 0.3088 looks on a white background.

Color Contrast Check

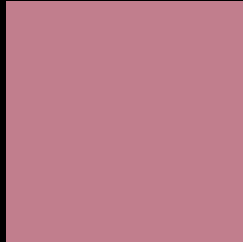
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1823, 0.3754, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

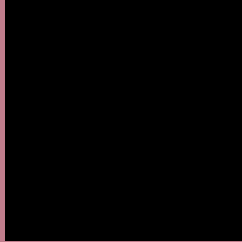
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1823, 0.3754, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 28.1823, 0.3754, 0.3088.



This preview shows how white text looks on a background with the Yxy color 28.1823, 0.3754, 0.3088.

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

28.1823, 0.3754, 0.3088

Protanopia

28.3245, 0.3071, 0.3163

Deuteranopia

28.2725, 0.3391, 0.3322



Tritanopia

28.2938, 0.3811, 0.3169

Trichromacy



Original Color

28.1823, 0.3754, 0.3088

Protanomaly

27.8160, 0.3301, 0.3124

Deuteranomaly

28.0763, 0.3518, 0.3232

Tritanomaly

28.3512, 0.3787, 0.3142

Monochromacy



Original Color

28.1823, 0.3754, 0.3088

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.6930, 0.3339, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1823, 0.3754, 0.3088 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(193, 126, 141)` looks like.

```
.text, #text, p{  
    color:rgb(193, 126, 141)  
}
```

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(193, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 126, 141) }
```

Border

The CSS property to change the border of an element to Yxy 28.1823, 0.3754, 0.3088 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(193, 126, 141) }
```

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

```
.border{ border-color:rgb(193, 126, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 126, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(193, 126,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1823, 0.3754, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 126, 141) }
```

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

```
.background{ background-color: rgb(193,  
126, 141) }
```

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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