

Converting Colors

$Y_{xy}(28.7651, 0.4166, 0.3169)$

Have a look what the booklet for
Yxy(28.7651, 0.4166, 0.3169)
contains.

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Color

Yxy(28.9248, 0.4163, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	D57781
RGB	213, 119, 129
RGB Percent	84%, 47%, 51%
CMY	0.1648, 0.5333, 0.4941
CMYK	0.00, 0.44, 0.39, 0.16
HSL	354°, 53%, 65%
HSV	354°, 44%, 84%
XYZ	37.9975, 28.9248, 24.3520
YIQ	148.2460, 52.8140, 23.0380

Conversions

Conversions Part 2

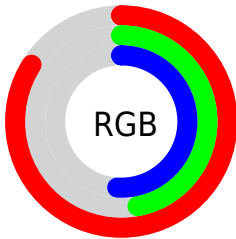
Format	Color
R _Y B	213, 119, 129
Decimal	13989761
CIE Lab	60.72, 37.67, 10.87
CIE LCh	61, 39.201, 16.093
Yxy	28.9248, 0.4163, 0.3169
Android (android.graphics.Color)	4292179841 (0xFFD57781)
YUV	148.2460, -9.4883, 56.7893
Hunter-Lab	53.7818, 31.9942, 10.8012

Details

The Yxy color **28.9248, 0.4163, 0.3169** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.8162, 0.2587, 0.3423**, and the grayscale version is **29.7478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5245, 0.3790, 0.3197**, and **11.6820, 0.4523, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **23.9515, 0.4546, 0.3148**, and if you desaturate by 10%, it is **35.1312, 0.3840, 0.3196**.

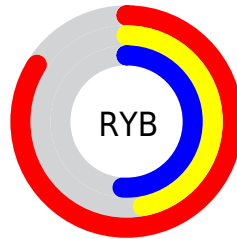
Distribution



Red (84%)

Green (47%)

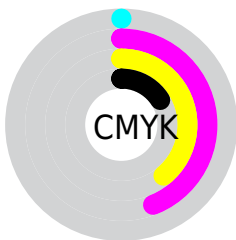
Blue (51%)



Red (84%)

Yellow (47%)

Blue (51%)

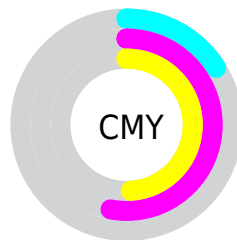


Cyan (0%)

Magenta (44%)

Yellow (39%)

Black (16%)



Cyan (16%)


Magenta (53%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9248, 0.4163, 0.3169 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 28.9248, 0.4163, 0.3169 by changing the saturation by 10% instead.


 28.9248, 0.4163,
0.3169


 28.9248, 0.4163,
0.3169


296.8600, 0.3600,
0.3249


 19.0239, 0.4319,
0.3141


 57.9576, 0.3947,
0.3203

 11.6876, 0.4529,
0.3100


 77.8583, 0.3869,
0.3215

 6.5313, 0.4825,
0.3035


 101.8611, 0.3805,
0.3224

 3.1708, 0.5270,
0.2922

130.3504, 0.3751,
0.3231

 1.2215, 0.6075,
0.2735

163.7105, 0.3705,
0.3237

 0.0792, 0.9269,
0.0731

202.3259, 0.3665,

 0.0000, 0.0000,

0.3241

0.0000

246.5809, 0.3630,
0.3246

■ 28.9248, 0.4163,
0.3169

■ 28.9248, 0.4163,
0.3169

■ 23.9515, 0.4546,
0.3148

■ 35.1312, 0.3840,
0.3196

■ 20.1249, 0.4979,
0.3137

■ 42.6408, 0.3574,
0.3224

■ 17.3544, 0.5429,
0.3143

■ 51.5237, 0.3360,
0.3253

■ 15.5338, 0.5843,
0.3169


■ 61.8436, 0.3188,
0.3280

■ 14.5345, 0.6159,
0.3213

■ 73.6605, 0.3049,
0.3304

 14.2046, 0.6288,
0.3238

 87.0306, 0.2938,
0.3327

 92.8842, 0.2877,
0.3289

Harmonies

Analogous

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



28.9248, 0.3604, 0.2735



28.9248, 0.4163, 0.3169



28.9248, 0.4406, 0.3657

Triad

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



28.9248, 0.4163, 0.3169



28.9248, 0.3199, 0.4399



28.9248, 0.2077, 0.2383

Complementary

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



28.9248, 0.4163, 0.3169



55.8162, 0.2587, 0.3423

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.



28.9248, 0.1996, 0.2717



28.9248, 0.4163, 0.3169



28.9248, 0.2602, 0.3951

Square

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



28.9248, 0.4163, 0.3169



28.9248, 0.3808, 0.4428



28.9248, 0.2174, 0.3288



28.9248, 0.2404, 0.2296

Rectangle

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



28.9248, 0.4163, 0.3169



28.9248, 0.4349, 0.3974



28.9248, 0.2174, 0.3288



28.9248, 0.2022, 0.2466

Sweetspot

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



28.9263, 0.4163, 0.3169



78.8797, 0.3341, 0.3255



30.5601, 0.3067, 0.2181



16.1967, 0.3384, 0.3249



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.



28.9263, 0.4163, 0.3169



36.3844, 0.4523, 0.3149



38.9313, 0.4080, 0.3738



12.4421, 0.3275, 0.3266



8.6853, 0.6267, 0.3226



0.5313, 0.5929, 0.3040

Inverse Universe

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



28.9263, 0.4163, 0.3169



36.3844, 0.4523, 0.3149



40.1563, 0.2448, 0.2782



12.4421, 0.3275, 0.3266



8.6853, 0.6267, 0.3226



0.5313, 0.5929, 0.3040

Previews

White Background



This preview shows how the Yxy color 28.9248, 0.4163, 0.3169 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 28.9248, 0.4163, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

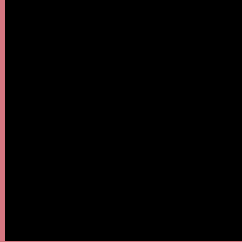
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9248, 0.4163, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 28.9248, 0.4163, 0.3169.



This preview shows how white text looks on a background with the Yxy color 28.9248, 0.4163, 0.3169.

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

28.9248, 0.4163, 0.3169

Protanopia

29.0250, 0.3198, 0.3338

Deuteranopia

28.9654, 0.3609, 0.3533



Tritanopia

28.8983, 0.4176, 0.3181

Trichromacy



Original Color

28.9248, 0.4163, 0.3169

Protanomaly

28.3275, 0.3526, 0.3262

Deuteranomaly

28.5957, 0.3814, 0.3391

Tritanomaly

28.8983, 0.4176, 0.3181

Monochromacy



Original Color

28.9248, 0.4163, 0.3169

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5851, 0.3479, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9248, 0.4163, 0.3169 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(213, 119, 129)` looks like.

```
.text, #text, p{  
    color:rgb(213, 119, 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(213, 119, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 119, 129) }
```

Border

The CSS property to change the border of an element to Yxy 28.9248, 0.4163, 0.3169 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(213, 119, 129) }
```

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

```
.border{ border-color:rgb(213, 119, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 119, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 119, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 119, 129);  
box-shadow:4px 4px 4px 4px rgb(213, 119,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9248, 0.4163, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 119, 129) }
```

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

```
.background{ background-color: rgb(213,  
119, 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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