

Converting Colors

$Y_{xy}(30.0159, 0.4159, 0.3329)$

Have a look what the booklet for
Yxy(30.0159, 0.4159, 0.3329)
contains.

Yxy(29.9071, 0.4158, 0.3331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.9071, 0.4158, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	D17E7B
RGB	209, 126, 123
RGB Percent	82%, 49%, 48%
CMY	0.1804, 0.5059, 0.5176
CMYK	0.00, 0.40, 0.41, 0.18
HSL	2°, 48%, 65%
HSV	2°, 41%, 82%
XYZ	37.3322, 29.9071, 22.5448
YIQ	150.4750, 50.4310, 16.6630

Conversions

Conversions Part 2

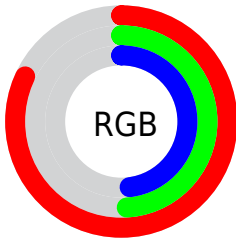
Format	Color
R _Y B	209, 126, 123
Decimal	13729403
CIE Lab	61.57, 31.80, 15.43
CIE LCh	62, 35.346, 25.880
Yxy	29.9071, 0.4158, 0.3331
Android (android.graphics.Color)	4291919483 (0xFFD17E7B)
YUV	150.4750, -13.5452, 51.3264
Hunter-Lab	54.6874, 26.1498, 13.8389

Details

The Yxy color **29.9071, 0.4158, 0.3331** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.9625, 0.2560, 0.3248**, and the grayscale version is **30.7552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9977, 0.3832, 0.3345**, and **12.2020, 0.4531, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **24.7906, 0.4559, 0.3340**, and if you desaturate by 10%, it is **36.1784, 0.3821, 0.3321**.

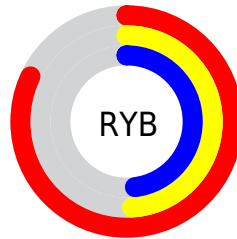
Distribution



Red (82%)

Green (49%)

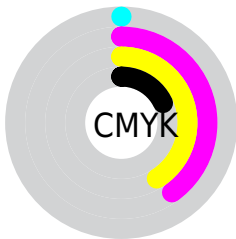
Blue (48%)



Red (82%)

Yellow (49%)

Blue (48%)

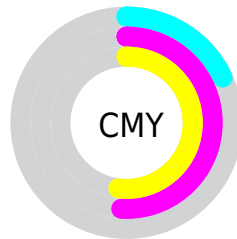


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (18%)



Cyan (18%)


Magenta (51%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9071, 0.4158, 0.3331 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 29.9071, 0.4158, 0.3331 by changing the saturation by 10% instead.


 29.9071, 0.4158,
0.3331


 29.9071, 0.4158,
0.3331


301.4712, 0.3599,
0.3328


 19.7681, 0.4312,
0.3324


 59.5152, 0.3944,
0.3335

 12.2266, 0.4518,
0.3311


 79.7531, 0.3867,
0.3335

 6.8982, 0.4806,
0.3281


 104.1261, 0.3803,
0.3334

 3.3985, 0.5235,
0.3216

133.0186, 0.3750,
0.3333

 1.3432, 0.6104,
0.3153

166.8149, 0.3704,
0.3332

 0.1742, 0.8445,
0.1555


205.8996, 0.3664,


 0.0000, 0.0000,


0.3330


0.0000

250.6568, 0.3630,
0.3329


 29.9071, 0.4158,
0.3331

 29.9071, 0.4158,
0.3331

 24.7906, 0.4559,
0.3340


 36.1784, 0.3821,
0.3321


 20.7544, 0.5012,
0.3346


 43.6643, 0.3546,
0.3310


 17.7223, 0.5482,
0.3346


 52.4256, 0.3324,
0.3300


 15.6062, 0.5910,
0.3339

 62.5179, 0.3145,
0.3291

 14.3030, 0.6222,
0.3326

 73.9936, 0.3002,
0.3283

 13.7145, 0.6379,
0.3317

 86.9020, 0.2886,
0.3275

 92.2964, 0.2855,
0.3289

Harmonies

Analogous

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



29.9071, 0.3737, 0.2910



29.9071, 0.4158, 0.3331



29.9071, 0.4265, 0.3775

Triad

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



29.9071, 0.4158, 0.3331



29.9071, 0.3015, 0.4175



29.9071, 0.2252, 0.2424

Complementary

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



29.9071, 0.4158, 0.3331



52.9625, 0.2560, 0.3248

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.



29.9071, 0.2103, 0.2658



29.9071, 0.4158, 0.3331



29.9071, 0.2512, 0.3692

Square

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



29.9071, 0.4158, 0.3331



29.9071, 0.3575, 0.4335



29.9071, 0.2191, 0.3110



29.9071, 0.2620, 0.2408

Rectangle

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



29.9071, 0.4158, 0.3331



29.9071, 0.4147, 0.4042



29.9071, 0.2191, 0.3110



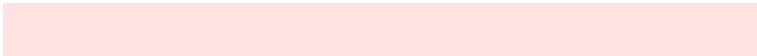
29.9071, 0.2177, 0.2477

Sweetspot

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



29.9086, 0.4158, 0.3331



80.7666, 0.3344, 0.3301



32.1863, 0.3203, 0.2314



16.8794, 0.3371, 0.3303



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.



29.9086, 0.4158, 0.3331



40.0354, 0.4491, 0.3339



43.3150, 0.3927, 0.3863



11.8733, 0.3290, 0.3299



8.4851, 0.6372, 0.3322



0.4982, 0.6282, 0.3394

Inverse Universe

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



52.9625, 0.2560, 0.3248



80.7426, 0.2473, 0.3238



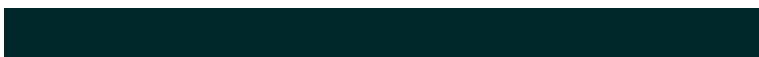
35.0588, 0.2462, 0.2632



13.3334, 0.2983, 0.3281



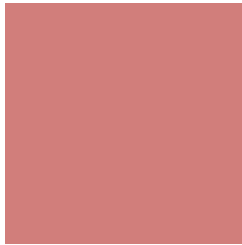
28.8322, 0.2217, 0.3182



1.6347, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 29.9071, 0.4158, 0.3331 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 29.9071, 0.4158, 0.3331 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 29.9071, 0.4158, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 29.9071, 0.4158, 0.3331.



This preview shows how white text looks on a background with the Yxy color 29.9071, 0.4158, 0.3331.

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

29.9071, 0.4158, 0.3331

Protanopia

30.1847, 0.3336, 0.3525

Deuteranopia

29.9997, 0.3712, 0.3631



Tritanopia

29.8382, 0.4042, 0.3166

Trichromacy



Original Color

29.9071, 0.4158, 0.3331

Protanomaly

29.7754, 0.3622, 0.3453

Deuteranomaly

29.8366, 0.3877, 0.3517

Tritanomaly

29.9806, 0.4087, 0.3230

Monochromacy



Original Color

29.9071, 0.4158, 0.3331

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6011, 0.3468, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9071, 0.4158, 0.3331 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(209, 126, 123)` looks like.

```
.text, #text, p{  
    color:rgb(209, 126, 123)  
}
```

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(209, 126, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 126, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.9071, 0.4158, 0.3331 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(209, 126, 123) }
```

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

```
.border{ border-color:rgb(209, 126, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 126, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 126, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 126, 123);  
box-shadow:4px 4px 4px 4px rgb(209, 126,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9071, 0.4158, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 126, 123) }
```

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

```
.background{ background-color: rgb(209,  
126, 123) }
```

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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