

Converting Colors

$Yxy(30.3029, 0.4131, 0.3280)$

Have a look what the booklet for
Yxy(30.3029, 0.4131, 0.3280)
contains.

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Color

Yxy(30.3029, 0.4131, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	D37E7F
RGB	211, 126, 127
RGB Percent	83%, 49%, 50%
CMY	0.1724, 0.5060, 0.5019
CMYK	0.00, 0.40, 0.40, 0.17
HSL	359°, 49%, 66%
HSV	359°, 40%, 83%
XYZ	38.1650, 30.3029, 23.9190
YIQ	151.5290, 50.3390, 18.3310

Conversions

Conversions Part 2

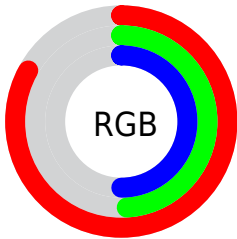
Format	Color
R_{YB}	211, 126, 127
Decimal	13860479
CIE _{Lab}	61.91, 33.04, 13.66
CIE _{LCh}	62, 35.748, 22.463
Yxy	30.3029, 0.4131, 0.3280
Android (android.graphics.Color)	4292050559 (0xFFD37E7F)
YUV	151.5290, -12.0928, 52.1561
Hunter-Lab	55.0481, 27.4206, 12.7715

Details

The Yxy color **30.3029, 0.4131, 0.3280** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.6975, 0.2581, 0.3302**, and the grayscale version is **31.2231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1978, 0.3787, 0.3292**, and **12.4522, 0.4487, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **24.9770, 0.4532, 0.3279**, and if you desaturate by 10%, it is **36.8826, 0.3796, 0.3282**.

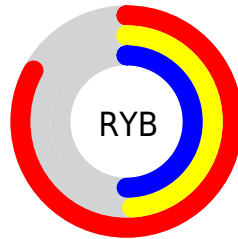
Distribution



Red (83%)

Green (49%)

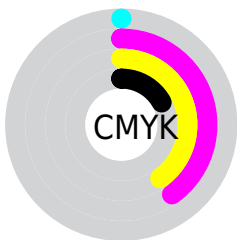
Blue (50%)



Red (83%)

Yellow (49%)

Blue (50%)

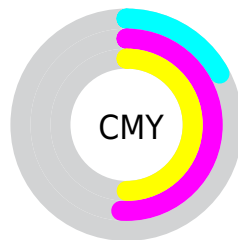


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3029, 0.4131, 0.3280 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 30.3029, 0.4131, 0.3280 by changing the saturation by 10% instead.


 30.3029, 0.4131,
0.3280


 30.3029, 0.4131,
0.3280


303.3138, 0.3588,
0.3302

 20.0686, 0.4280,
0.3267


 60.1409, 0.3924,
0.3293

 12.4449, 0.4480,
0.3246


 80.5133, 0.3849,
0.3296

 7.0475, 0.4760,
0.3209


 105.0340, 0.3787,
0.3298

 3.4918, 0.5176,
0.3135

134.0872, 0.3734,
0.3300

 1.3936, 0.5940,
0.3018

168.0574, 0.3690,
0.3301

 0.2120, 0.8278,
0.1722


207.3290, 0.3651,


 0.0000, 0.0000,

0.3301


0.0000


252.2863, 0.3618,
0.3302

 30.3029, 0.4131,
0.3280


 30.3029, 0.4131,
0.3280


 24.9770, 0.4532,
0.3279


 36.8826, 0.3796,
0.3282


 20.8213, 0.4988,
0.3278

 44.7838, 0.3524,
0.3285


 17.7489, 0.5466,
0.3280

 54.0749, 0.3306,
0.3287

 15.6592, 0.5901,
0.3284


 64.8182, 0.3132,
0.3290

 14.4327, 0.6221,
0.3290

 77.0721, 0.2992,
0.3292

 13.8607, 0.6390,
0.3294

 90.8920, 0.2880,
0.3294

 92.5951, 0.2866,
0.3289

Harmonies

Analogous

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



30.3029, 0.3679, 0.2864



30.3029, 0.4131, 0.3280



30.3029, 0.4278, 0.3728

Triad

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



30.3029, 0.4131, 0.3280



30.3029, 0.3078, 0.4219



30.3029, 0.2218, 0.2434

Complementary

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



30.3029, 0.4131, 0.3280



55.6975, 0.2581, 0.3302

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.



30.3029, 0.2094, 0.2695



30.3029, 0.4131, 0.3280



30.3029, 0.2558, 0.3761

Square

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



30.3029, 0.4131, 0.3280



30.3029, 0.3639, 0.4336



30.3029, 0.2210, 0.3172



30.3029, 0.2565, 0.2394

Rectangle

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



30.3029, 0.4131, 0.3280



30.3029, 0.4184, 0.4004



30.3029, 0.2210, 0.3172



30.3029, 0.2151, 0.2495

Sweetspot

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



30.3044, 0.4131, 0.3280



80.2103, 0.3342, 0.3287



33.2686, 0.3159, 0.2300



16.7499, 0.3370, 0.3287



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.



30.3044, 0.4131, 0.3280



39.6492, 0.4456, 0.3279



43.0328, 0.3929, 0.3801



11.8105, 0.3289, 0.3288



8.3623, 0.6386, 0.3292



0.4684, 0.6339, 0.3266

Inverse Universe

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



30.3044, 0.4131, 0.3280



39.6492, 0.4456, 0.3279



37.8623, 0.2485, 0.2710



11.8105, 0.3289, 0.3288



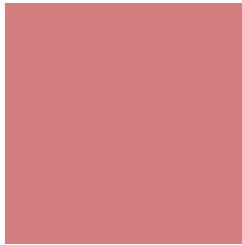
8.3623, 0.6386, 0.3292



0.4684, 0.6339, 0.3266

Previews

White Background



This preview shows how the Yxy color 30.3029, 0.4131, 0.3280 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.3029, 0.4131, 0.3280 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 ✓ Pass

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

Yxy 30.3029, 0.4131, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 30.3029, 0.4131, 0.3280.



This preview shows how white text looks on a background with the Yxy color 30.3029, 0.4131, 0.3280.

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

30.3029, 0.4131, 0.3280

Protanopia

30.3275, 0.3287, 0.3446

Deuteranopia

30.4004, 0.3665, 0.3586



Tritanopia

30.3855, 0.4060, 0.3180

Trichromacy



Original Color

30.3029, 0.4131, 0.3280

Protanomaly

29.9130, 0.3567, 0.3379

Deuteranomaly

29.9368, 0.3831, 0.3460

Tritanomaly

30.3030, 0.4097, 0.3218

Monochromacy



Original Color

30.3029, 0.4131, 0.3280

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5123, 0.3453, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3029, 0.4131, 0.3280 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(211, 126, 127)` looks like.

```
.text, #text, p{  
    color:rgb(211, 126, 127)  
}
```

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(211, 126, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 126, 127) }
```

Border

The CSS property to change the border of an element to Yxy 30.3029, 0.4131, 0.3280 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(211, 126, 127) }
```

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

```
.border{ border-color:rgb(211, 126, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 126, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 126, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 126, 127);  
box-shadow:4px 4px 4px 4px rgb(211, 126,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3029, 0.4131, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 126, 127) }
```

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

```
.background{ background-color: rgb(211,  
126, 127) }
```

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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