

Converting Colors

$Y_{xy}(29.4800, 0.4206, 0.3292)$

Have a look what the booklet for
Yxy(29.4800, 0.4206, 0.3292)
contains.

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Color

Yxy(29.5930, 0.4208, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	D47B7B
RGB	212, 123, 123
RGB Percent	83%, 48%, 48%
CMY	0.1685, 0.5177, 0.5176
CMYK	0.00, 0.42, 0.42, 0.17
HSL	360°, 51%, 66%
HSV	360°, 42%, 83%
XYZ	37.8158, 29.5930, 22.4576
YIQ	149.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

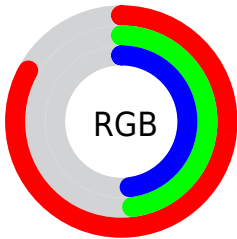
Format	Color
RYB	212, 123, 123
Decimal	13925243
CIELab	61.30, 34.55, 15.11
CIELCh	61, 37.710, 23.623
Yxy	29.5930, 0.4208, 0.3293
Android (android.graphics.Color)	4292115323 (0xFFD47B7B)
YUV	149.6110, -13.1192, 54.7152
Hunter-Lab	54.3994, 28.8852, 13.6030

Details

The Yxy color **29.5930, 0.4208, 0.3293** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.0661, 0.2558, 0.3288**, and the grayscale version is **30.3659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7994, 0.3842, 0.3313**, and **11.9992, 0.4589, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **24.4174, 0.4625, 0.3294**, and if you desaturate by 10%, it is **36.0256, 0.3857, 0.3292**.

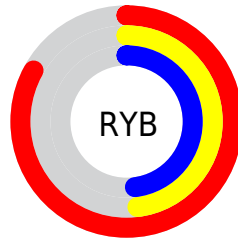
Distribution



Red (83%)

Green (48%)

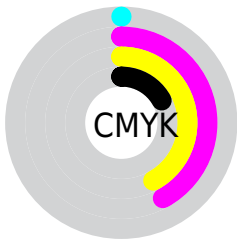
Blue (48%)



Red (83%)

Yellow (48%)

Blue (48%)

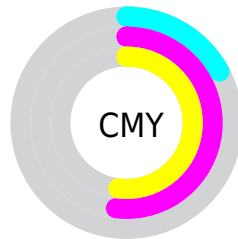


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (17%)



Cyan (17%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5930, 0.4208, 0.3293 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 29.5930, 0.4208, 0.3293 by changing the saturation by 10% instead.


 29.5930, 0.4208,
0.3293


 29.5930, 0.4208,
0.3293


300.0027, 0.3621,
0.3311


 19.5299, 0.4370,
0.3280


 59.0179, 0.3984,
0.3305

 12.0538, 0.4586,
0.3258


 79.1485, 0.3903,
0.3308

 6.7803, 0.4890,
0.3216


 103.4037, 0.3836,
0.3310

 3.3251, 0.5340,
0.3133

132.1679, 0.3779,
0.3311

 1.3037, 0.6250,
0.3038

165.8255, 0.3731,
0.3311

 0.1441, 0.8727,
0.1273


204.7609, 0.3689,


 0.0000, 0.0000,


0.3311


0.0000


249.3585, 0.3653,
0.3311


 29.5930, 0.4208,
0.3293


 29.5930, 0.4208,
0.3293


 24.4174, 0.4625,
0.3294

 36.0256, 0.3857,
0.3292


 20.4125, 0.5092,
0.3296


 43.7853, 0.3572,
0.3291


 17.4884, 0.5570,
0.3297


 52.9421, 0.3342,
0.3291


 15.5402, 0.5988,
0.3298

 63.5600, 0.3159,
0.3290

 14.4420, 0.6273,
0.3299

 75.6988, 0.3013,
0.3290

 14.0015, 0.6401,
0.3300

 89.4154, 0.2895,
0.3289

 92.7414, 0.2872,
0.3289

Harmonies

Analogous

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



29.5930, 0.3735, 0.2854



29.5930, 0.4208, 0.3293



29.5930, 0.4348, 0.3765

Triad

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



29.5930, 0.4208, 0.3293



29.5930, 0.3048, 0.4271



29.5930, 0.2176, 0.2378

Complementary

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



29.5930, 0.4208, 0.3293



56.0661, 0.2558, 0.3288

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.



29.5930, 0.2038, 0.2641



29.5930, 0.4208, 0.3293



29.5930, 0.2504, 0.3768

Square

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



29.5930, 0.4208, 0.3293



29.5930, 0.3644, 0.4406



29.5930, 0.2147, 0.3138



29.5930, 0.2549, 0.2348

Rectangle

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



29.5930, 0.4208, 0.3293



29.5930, 0.4236, 0.4056



29.5930, 0.2147, 0.3138



29.5930, 0.2103, 0.2439

Sweetspot

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



29.5945, 0.4208, 0.3293



78.6890, 0.3366, 0.3291



32.6998, 0.3160, 0.2261



16.1505, 0.3414, 0.3291



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.



29.5945, 0.4208, 0.3293



38.1141, 0.4560, 0.3294



42.7126, 0.3972, 0.3823



12.4208, 0.3291, 0.3290



8.6411, 0.6401, 0.3300



0.5212, 0.6400, 0.3299

Inverse Universe

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



29.5945, 0.4208, 0.3293



38.1141, 0.4560, 0.3294



37.3383, 0.2458, 0.2681



12.4208, 0.3291, 0.3290



8.6411, 0.6401, 0.3300



0.5212, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 29.5930, 0.4208, 0.3293 looks on a white background.

Color Contrast Check

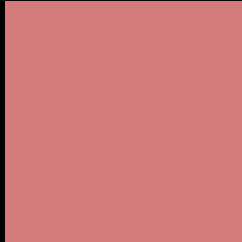
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5930, 0.4208, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

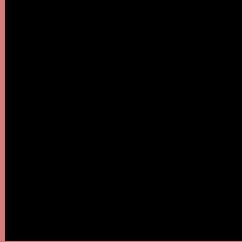
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5930, 0.4208, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 29.5930, 0.4208, 0.3293.



This preview shows how white text looks on a background with the Yxy color 29.5930, 0.4208, 0.3293.

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

29.5930, 0.4208, 0.3293

Protanopia

29.8274, 0.3308, 0.3479

Deuteranopia

29.8852, 0.3701, 0.3633



Tritanopia

29.7039, 0.4123, 0.3181

Trichromacy



Original Color

29.5930, 0.4208, 0.3293

Protanomaly

29.2179, 0.3618, 0.3409

Deuteranomaly

29.5536, 0.3882, 0.3503

Tritanomaly

29.6237, 0.4161, 0.3219

Monochromacy



Original Color

29.5930, 0.4208, 0.3293

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5339, 0.3493, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5930, 0.4208, 0.3293 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(212, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(212, 123, 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(212, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 123, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.5930, 0.4208, 0.3293 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(212, 123, 123) }
```

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

```
.border{ border-color:rgb(212, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(212, 123,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5930, 0.4208, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 123, 123) }
```

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

```
.background{ background-color: rgb(212,  
123, 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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