

Converting Colors

$Y_{xy}(29.3893, 0.4133, 0.3047)$

Have a look what the booklet for
Yxy(29.3893, 0.4133, 0.3047)
contains.

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Color

Yxy(29.4341, 0.4124, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	DA7589
RGB	218, 117, 137
RGB Percent	85%, 46%, 54%
CMY	0.1452, 0.5411, 0.4627
CMYK	0.00, 0.46, 0.37, 0.15
HSL	348°, 58%, 66%
HSV	348°, 46%, 85%
XYZ	39.7857, 29.4341, 27.2538
YIQ	149.4790, 53.7760, 27.6320

Conversions

Conversions Part 2

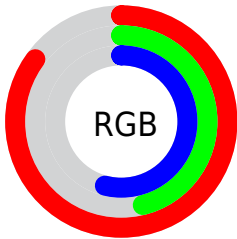
Format	Color
R_{YB}	218, 117, 137
Decimal	14316937
CIE _{Lab}	61.16, 41.43, 7.00
CIE _{LCh}	61, 42.012, 9.586
Yxy	29.4341, 0.4124, 0.3051
Android (android.graphics.Color)	4292507017 (0xFFDA7589)
YUV	149.4790, -6.1521, 60.0929
Hunter-Lab	54.2532, 35.9570, 8.1932

Details

The Yxy color **29.4341, 0.4124, 0.3051** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.9918, 0.2614, 0.3559**, and the grayscale version is **30.2787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1035, 0.3721, 0.3093**, and **11.9423, 0.4480, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **24.4711, 0.4476, 0.3011**, and if you desaturate by 10%, it is **35.6639, 0.3825, 0.3101**.

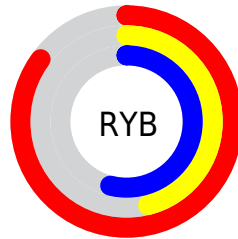
Distribution



Red (85%)

Green (46%)

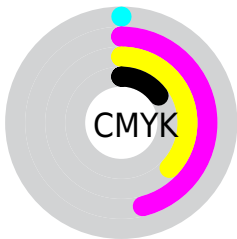
Blue (54%)



Red (85%)

Yellow (46%)

Blue (54%)

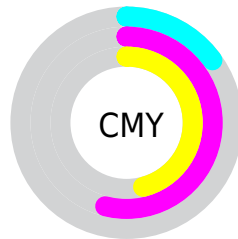


Cyan (0%)

Magenta (46%)

Yellow (37%)

Black (15%)



Cyan (15%)

Magenta (54%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4341, 0.4124, 0.3051 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 29.4341, 0.4124, 0.3051 by changing the saturation by 10% instead.


 29.4341, 0.4124,
0.3051


 29.4341, 0.4124,
0.3051


299.2577, 0.3585,
0.3189

 19.4095, 0.4272,
0.3009


 58.7661, 0.3918,
0.3106

 11.9665, 0.4472,
0.2952


 78.8422, 0.3844,
0.3125

 6.7209, 0.4752,
0.2866


 103.0376, 0.3782,
0.3141

 3.2882, 0.5171,
0.2729

131.7367, 0.3730,
0.3154

 1.2840, 0.5859,
0.2484

165.3238, 0.3686,
0.3165

 0.1287, 0.9008,
0.0992

204.1835, 0.3648,

 0.0000, 1.0000,

0.3174


0.0000


248.6999, 0.3614,
0.3182


 0.0000, 0.0000,
0.0000


 29.4341, 0.4124,
0.3051

 29.4341, 0.4124,
0.3051


 24.4711, 0.4476,
0.3011


 35.6639, 0.3825,
0.3101

 20.6832, 0.4873,
0.2989


 43.2350, 0.3578,
0.3155


 17.9738, 0.5289,
0.2995

 52.2213, 0.3376,
0.3208


 16.2282, 0.5683,
0.3035

 62.6900, 0.3214,
0.3260

 15.3033, 0.6004,
0.3108

 74.7042, 0.3082,
0.3307

 15.0777, 0.6103,
0.3135

 88.3229, 0.2975,
0.3351

 93.6421, 0.2906,
0.3289

Harmonies

Analogous

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



29.4341, 0.3481, 0.2618



29.4341, 0.4124, 0.3051



29.4341, 0.4468, 0.3558

Triad

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



29.4341, 0.4124, 0.3051



29.4341, 0.3343, 0.4524



29.4341, 0.1977, 0.2381

Complementary

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



29.4341, 0.4124, 0.3051



57.9918, 0.2614, 0.3559

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.



29.4341, 0.1949, 0.2788



29.4341, 0.4124, 0.3051



29.4341, 0.2693, 0.4135

Square

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



29.4341, 0.4124, 0.3051



29.4341, 0.3968, 0.4450



29.4341, 0.2193, 0.3439



29.4341, 0.2265, 0.2239

Rectangle

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



29.4341, 0.4124, 0.3051



29.4341, 0.4464, 0.3900



29.4341, 0.2193, 0.3439



29.4341, 0.1938, 0.2486

Sweetspot

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



29.4356, 0.4124, 0.3051



77.5909, 0.3338, 0.3220



29.7647, 0.2978, 0.2098



15.9509, 0.3376, 0.3209



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.



29.4356, 0.4124, 0.3051



34.7999, 0.4483, 0.3010



37.1500, 0.4197, 0.3660



13.0935, 0.3261, 0.3244



9.0473, 0.6070, 0.3118



0.5984, 0.5621, 0.2870

Inverse Universe

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



29.4356, 0.4124, 0.3051



34.7999, 0.4483, 0.3010



44.6786, 0.2437, 0.2873



13.0935, 0.3261, 0.3244



9.0473, 0.6070, 0.3118



0.5984, 0.5621, 0.2870

Previews

White Background



This preview shows how the Yxy color 29.4341, 0.4124, 0.3051 looks on a white background.

Color Contrast Check

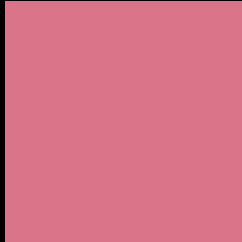
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4341, 0.4124, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

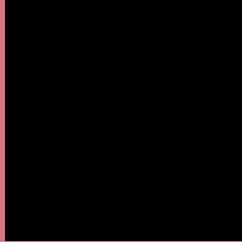
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4341, 0.4124, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 29.4341, 0.4124, 0.3051.



This preview shows how white text looks on a background with the Yxy color 29.4341, 0.4124, 0.3051.

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

29.4341, 0.4124, 0.3051

Protanopia

29.5901, 0.3081, 0.3181

Deuteranopia

29.6632, 0.3504, 0.3442



Tritanopia

29.4777, 0.4233, 0.3196

Trichromacy



Original Color

29.4341, 0.4124, 0.3051

Protanomaly

28.7451, 0.3426, 0.3116

Deuteranomaly

29.2105, 0.3728, 0.3292

Tritanomaly

29.3473, 0.4187, 0.3135

Monochromacy



Original Color

29.4341, 0.4124, 0.3051

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9343, 0.3457, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4341, 0.4124, 0.3051 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(218, 117, 137)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 137)  
}
```

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(218, 117, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 137) }
```

Border

The CSS property to change the border of an element to Yxy 29.4341, 0.4124, 0.3051 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(218, 117, 137) }
```

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

```
.border{ border-color:rgb(218, 117, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 117, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 117, 137);  
box-shadow:4px 4px 4px 4px rgb(218, 117,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4341, 0.4124, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 137) }
```

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

```
.background{ background-color: rgb(218,  
117, 137) }
```

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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