

Converting Colors

$Y_{xy}(29.8160, 0.4196, 0.3091)$

Have a look what the booklet for
Yxy(29.8160, 0.4196, 0.3091)
contains.

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Color

Yxy(29.8160, 0.4196, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	DD7586
RGB	221, 117, 134
RGB Percent	87%, 46%, 53%
CMY	0.1335, 0.5411, 0.4746
CMYK	0.00, 0.47, 0.39, 0.13
HSL	350°, 60%, 66%
HSV	350°, 47%, 87%
XYZ	40.4749, 29.8160, 26.1698
YIQ	150.0340, 56.5270, 27.3350

Conversions

Conversions Part 2

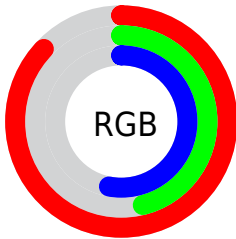
Format	Color
R _Y B	221, 117, 134
Decimal	14513542
CIE Lab	61.50, 42.14, 9.26
CIE LCh	61, 43.147, 12.397
Yxy	29.8160, 0.4196, 0.3091
Android (android.graphics.Color)	4292703622 (0xFFDD7586)
YUV	150.0340, -7.9048, 62.2372
Hunter-Lab	54.6040, 36.7550, 9.8072

Details

The Yxy color **29.8160, 0.4196, 0.3091** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **59.8401, 0.2589, 0.3514**, and the grayscale version is **30.5329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9737, 0.3749, 0.3124**, and **12.2230, 0.4564, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **24.7887, 0.4570, 0.3060**, and if you desaturate by 10%, it is **36.1518, 0.3878, 0.3131**.

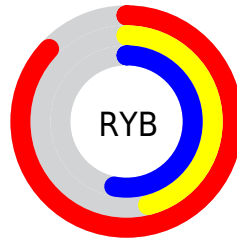
Distribution



Red (87%)

Green (46%)

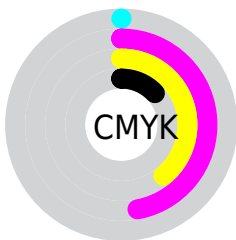
Blue (53%)



Red (87%)

Yellow (46%)

Blue (53%)

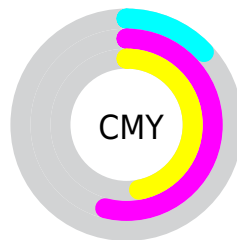


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (13%)



Cyan (13%)


Magenta (54%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8160, 0.4196, 0.3091 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 29.8160, 0.4196, 0.3091 by changing the saturation by 10% instead.

 29.8160, 0.4196,
0.3091


 29.8160, 0.4196,
0.3091


301.0458, 0.3618,
0.3211


 19.6990, 0.4355,
0.3053


 59.3711, 0.3975,
0.3140

 12.1764, 0.4567,
0.3000


 79.5779, 0.3896,
0.3157

 6.8639, 0.4864,
0.2919


 103.9168, 0.3830,
0.3170

 3.3772, 0.5306,
0.2786

132.7721, 0.3774,
0.3181

 1.3317, 0.6037,
0.2550

166.5283, 0.3727,
0.3191

 0.1655, 0.8818,
0.1182

205.5697, 0.3686,


 0.0000, 1.0000,


0.3199

0.0000


250.2808, 0.3650,
0.3205

 0.0000, 0.0000,
0.0000


 29.8160, 0.4196,
0.3091


 29.8160, 0.4196,
0.3091

 24.7887, 0.4570,
0.3060


 36.1518, 0.3878,
0.3131


 20.9738, 0.4987,
0.3046

 43.8742, 0.3615,
0.3176


 18.2694, 0.5417,
0.3057

 53.0607, 0.3401,
0.3220

 16.5548, 0.5811,
0.3097


 63.7815, 0.3228,
0.3262

 15.6729, 0.6115,
0.3164

 76.1025, 0.3089,
0.3301

 15.4947, 0.6187,
0.3182

 90.0856, 0.2977,
0.3337

 94.1071, 0.2923,
0.3289

Harmonies

Analogous

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



29.8160, 0.3556, 0.2641



29.8160, 0.4196, 0.3091



29.8160, 0.4509, 0.3610

Triad

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



29.8160, 0.4196, 0.3091



29.8160, 0.3281, 0.4537



29.8160, 0.1971, 0.2337

Complementary

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



29.8160, 0.4196, 0.3091



59.8401, 0.2589, 0.3514

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.



29.8160, 0.1917, 0.2725



29.8160, 0.4196, 0.3091



29.8160, 0.2626, 0.4097

Square

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



29.8160, 0.4196, 0.3091



29.8160, 0.3930, 0.4499



29.8160, 0.2139, 0.3372



29.8160, 0.2288, 0.2217

Rectangle

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



29.8160, 0.4196, 0.3091



29.8160, 0.4477, 0.3956



29.8160, 0.2139, 0.3372



29.8160, 0.1923, 0.2435

Sweetspot

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



29.8175, 0.4196, 0.3091



77.5227, 0.3346, 0.3232



30.7356, 0.3009, 0.2092



15.9345, 0.3386, 0.3223



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.



29.8175, 0.4196, 0.3091



34.6557, 0.4546, 0.3061



39.0036, 0.4200, 0.3706



13.0860, 0.3266, 0.3252



9.0151, 0.6156, 0.3165



0.5949, 0.5740, 0.2935

Inverse Universe

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



29.8175, 0.4196, 0.3091



34.6557, 0.4546, 0.3061



44.2563, 0.2418, 0.2815



13.0860, 0.3266, 0.3252



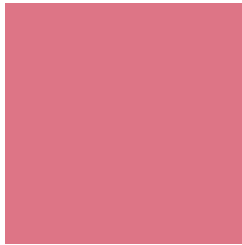
9.0151, 0.6156, 0.3165



0.5949, 0.5740, 0.2935

Previews

White Background



This preview shows how the Yxy color 29.8160, 0.4196, 0.3091 looks on a white background.

Color Contrast Check

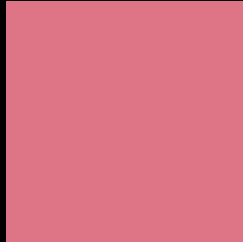
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8160, 0.4196, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

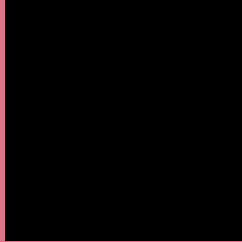
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8160, 0.4196, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 29.8160, 0.4196, 0.3091.



This preview shows how white text looks on a background with the Yxy color 29.8160, 0.4196, 0.3091.

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

29.8160, 0.4196, 0.3091

Protanopia

29.9935, 0.3129, 0.3243

Deuteranopia

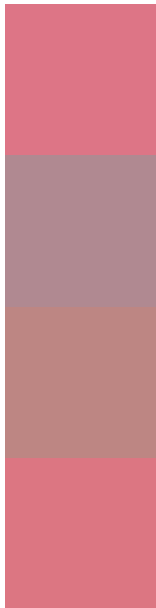
29.8027, 0.3559, 0.3486



Tritanopia

29.7048, 0.4271, 0.3186

Trichromacy



Original Color

29.8160, 0.4196, 0.3091

Protanomaly

29.1658, 0.3479, 0.3175

Deuteranomaly

29.5077, 0.3797, 0.3334

Tritanomaly

29.7842, 0.4232, 0.3150

Monochromacy



Original Color

29.8160, 0.4196, 0.3091

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4207, 0.3488, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8160, 0.4196, 0.3091 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(221, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(221, 117, 134)  
}
```

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(221, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 117, 134) }
```

Border

The CSS property to change the border of an element to Yxy 29.8160, 0.4196, 0.3091 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(221, 117, 134) }
```

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

```
.border{ border-color:rgb(221, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(221, 117,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8160, 0.4196, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 117, 134) }
```

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

```
.background{ background-color: rgb(221,  
117, 134) }
```

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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