

Converting Colors

$Y_{xy}(27.8421, 0.4307, 0.3014)$

Have a look what the booklet for
Yxy(27.8421, 0.4307, 0.3014)
contains.

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Color

Yxy(27.8421, 0.4307, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	DF6B83
RGB	223, 107, 131
RGB Percent	87%, 42%, 51%
CMY	0.1255, 0.5804, 0.4863
CMYK	0.00, 0.52, 0.41, 0.13
HSL	348°, 64%, 65%
HSV	348°, 52%, 87%
XYZ	39.7863, 27.8421, 24.7475
YIQ	144.4200, 61.4320, 32.0560

Conversions

Conversions Part 2

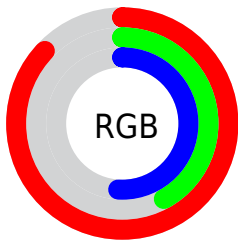
Format	Color
R _Y B	223, 107, 131
Decimal	14642051
CIE Lab	59.75, 47.54, 8.54
CIE LCh	60, 48.297, 10.187
Yxy	27.8421, 0.4307, 0.3014
Android (android.graphics.Color)	4292832131 (0xFFDF6B83)
YUV	144.4200, -6.6161, 68.9147
Hunter-Lab	52.7656, 42.2527, 9.1284

Details

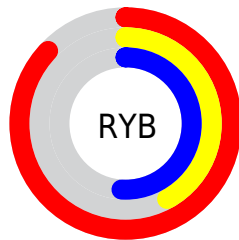
The Yxy color **27.8421, 0.4307, 0.3014** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **60.0274, 0.2574, 0.3613**, and the grayscale version is **28.0777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2104, 0.3806, 0.3051**, and **11.1400, 0.4719, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **23.3383, 0.4683, 0.2981**, and if you desaturate by 10%, it is **33.6295, 0.3981, 0.3062**.

Distribution



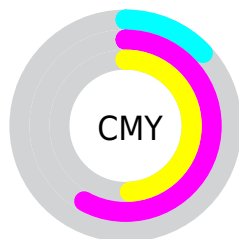
- Red (87%)
- Green (42%)
- Blue (51%)



- Red (87%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (41%)
- Black (13%)




- Cyan (13%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.8421, 0.4307, 0.3014 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 27.8421, 0.4307, 0.3014 by changing the saturation by 10% instead.

 27.8421, 0.4307,
0.3014


 27.8421, 0.4307,
0.3014


291.7116, 0.3664,
0.3177


 18.2067, 0.4485,
0.2964


 56.2322, 0.4060,
0.3080


 11.0985, 0.4725,
0.2893


 75.7558, 0.3972,
0.3103

 6.1331, 0.5063,
0.2786

 99.3441, 0.3898,
0.3121

 2.9262, 0.5567,
0.2614

 127.3816, 0.3836,
0.3137

 1.0933, 0.6444,
0.2327

160.2527, 0.3784,
0.3149

 0.0000, 1.0000,
0.0000

198.3418, 0.3738,

 0.0000, 0.0000,

0.3160

0.0000

242.0333, 0.3699,
0.3169

■ 27.8421, 0.4307,
0.3014

■ 27.8421, 0.4307,
0.3014

■ 23.3383, 0.4683,
0.2981

■ 33.6295, 0.3981,
0.3062

■ 20.0154, 0.5091,
0.2973

■ 40.7841, 0.3707,
0.3116

■ 17.7622, 0.5498,
0.2999

■ 49.3876, 0.3483,
0.3173

■ 16.4436, 0.5856,
0.3060

■ 59.5140, 0.3301,
0.3228

■ 15.8867, 0.6082,
0.3124

■ 71.2322, 0.3153,
0.3280

■ 84.6068, 0.3034,
0.3328

■ 94.4165, 0.2936,
0.3291

■ 94.4285, 0.2935,
0.3289

Harmonies

Analogous

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



27.8421, 0.3551, 0.2527



27.8421, 0.4307, 0.3014



27.8421, 0.4695, 0.3583

Triad

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



27.8421, 0.4307, 0.3014



27.8421, 0.3341, 0.4749



27.8421, 0.1818, 0.2232

Complementary

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



27.8421, 0.4307, 0.3014



60.0274, 0.2574, 0.3613

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.



27.8421, 0.1777, 0.2679



27.8421, 0.4307, 0.3014



27.8421, 0.2597, 0.4283

Square

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



27.8421, 0.4307, 0.3014



27.8421, 0.4068, 0.4634



27.8421, 0.2038, 0.3437



27.8421, 0.2144, 0.2088

Rectangle

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



27.8421, 0.4307, 0.3014



27.8421, 0.4672, 0.3973



27.8421, 0.2038, 0.3437



27.8421, 0.1772, 0.2345

Sweetspot

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



27.8435, 0.4307, 0.3014



74.7626, 0.3371, 0.3206



27.8326, 0.2933, 0.1951



15.3946, 0.3408, 0.3194



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.



27.8435, 0.4307, 0.3014



31.3918, 0.4700, 0.2980



35.4688, 0.4401, 0.3678



13.7467, 0.3260, 0.3242



9.3540, 0.6049, 0.3106



0.6613, 0.5622, 0.2871

Inverse Universe

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



27.8435, 0.4307, 0.3014



31.3918, 0.4700, 0.2980



45.3404, 0.2368, 0.2838



13.7467, 0.3260, 0.3242



9.3540, 0.6049, 0.3106



0.6613, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 27.8421, 0.4307, 0.3014 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 27.8421, 0.4307, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

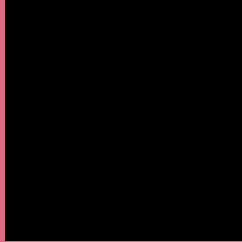
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8421, 0.4307, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 27.8421, 0.4307, 0.3014.



This preview shows how white text looks on a background with the Yxy color 27.8421, 0.4307, 0.3014.

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

27.8421, 0.4307, 0.3014

Protanopia

28.2006, 0.3070, 0.3179

Deuteranopia

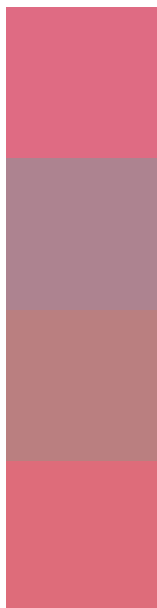
27.9709, 0.3559, 0.3491



Tritanopia

27.7512, 0.4476, 0.3201

Trichromacy



Original Color

27.8421, 0.4307, 0.3014

Protanomaly

27.1305, 0.3471, 0.3099

Deuteranomaly

27.1764, 0.3828, 0.3278

Tritanomaly

27.6599, 0.4414, 0.3131

Monochromacy



Original Color

27.8421, 0.4307, 0.3014

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9809, 0.3529, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8421, 0.4307, 0.3014 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(223, 107, 131)` looks like.

```
.text, #text, p{  
    color:rgb(223, 107, 131)  
}
```

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(223, 107, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 107, 131) }
```

Border

The CSS property to change the border of an element to Yxy 27.8421, 0.4307, 0.3014 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(223, 107, 131) }
```

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

```
.border{ border-color:rgb(223, 107, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 107, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 107, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 107, 131);  
box-shadow:4px 4px 4px 4px rgb(223, 107,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8421, 0.4307, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 107, 131) }
```

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

```
.background{ background-color: rgb(223,  
107, 131) }
```

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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