

Converting Colors

$Y_{xy}(27.0801, 0.4267, 0.3079)$

Have a look what the booklet for
Yxy(27.0801, 0.4267, 0.3079)
contains.

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Color

Yxy(27.0685, 0.4274, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	D86D7F
RGB	216, 109, 127
RGB Percent	85%, 43%, 50%
CMY	0.1531, 0.5724, 0.5020
CMYK	0.00, 0.50, 0.41, 0.15
HSL	350°, 58%, 64%
HSV	350°, 50%, 85%
XYZ	37.6108, 27.0685, 23.3197
YIQ	143.0450, 57.9940, 28.2820

Conversions

Conversions Part 2

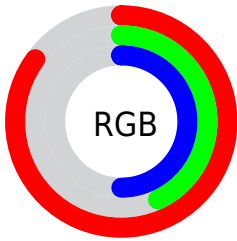
Format	Color
RYB	216, 109, 127
Decimal	14183807
CIELab	59.04, 43.64, 9.71
CIELCh	59, 44.710, 12.549
Yxy	27.0685, 0.4274, 0.3076
Android (android.graphics.Color)	4292373887 (0xFFD86D7F)
YUV	143.0450, -7.9102, 63.9815
Hunter-Lab	52.0274, 37.9903, 9.8442

Details

The Yxy color **27.0685, 0.4274, 0.3076** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **56.4250, 0.2572, 0.3535**, and the grayscale version is **27.5046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7497, 0.3839, 0.3113**, and **10.7454, 0.4696, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **22.5855, 0.4657, 0.3047**, and if you desaturate by 10%, it is **32.7698, 0.3945, 0.3116**.

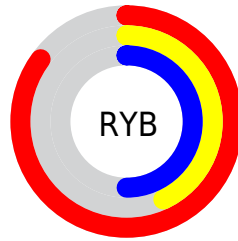
Distribution



Red (85%)

Green (43%)

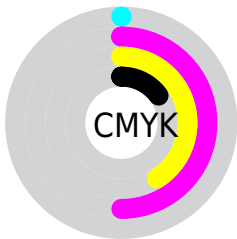
Blue (50%)



Red (85%)

Yellow (43%)

Blue (50%)

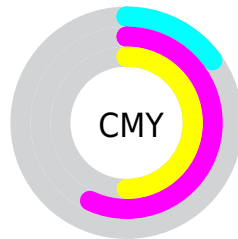


Cyan (0%)

Magenta (50%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (57%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0685, 0.4274, 0.3076 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 27.0685, 0.4274, 0.3076 by changing the saturation by 10% instead.


 27.0685, 0.4274,
0.3076


 27.0685, 0.4274,
0.3076


287.9886, 0.3645,
0.3208


 17.6247, 0.4450,
0.3033


 54.9938, 0.4032,
0.3131


 10.6809, 0.4688,
0.2972

 74.2440, 0.3945,
0.3149

 5.8527, 0.5025,
0.2877

 97.5318, 0.3873,
0.3164

 2.7557, 0.5533,
0.2718

 125.2416, 0.3813,
0.3176

 1.0056, 0.6516,
0.2475

157.7578, 0.3762,
0.3186

 0.0000, 1.0000,
0.0000


195.4648, 0.3717,

 0.0000, 0.0000,


0.3194


0.0000


238.7469, 0.3679,
0.3202


 27.0685, 0.4274,
0.3076


 27.0685, 0.4274,
0.3076

 22.5855, 0.4657,
0.3047


 32.7698, 0.3945,
0.3116


 19.2277, 0.5078,
0.3038


 39.7650, 0.3671,
0.3161


 16.8955, 0.5502,
0.3055


 48.1288, 0.3447,
0.3207

 15.4696, 0.5879,
0.3104


 57.9288, 0.3267,
0.3251


 14.7511, 0.6162,
0.3172

 69.2281, 0.3121,
0.3292

 14.7230, 0.6173,
0.3174

 82.0861, 0.3003,
0.3330

 93.1913, 0.2906,
0.3312

 93.3338, 0.2894,
0.3289

Harmonies

Analogous

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



27.0685, 0.3587, 0.2603



27.0685, 0.4274, 0.3076



27.0685, 0.4604, 0.3621

Triad

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



27.0685, 0.4274, 0.3076



27.0685, 0.3280, 0.4632



27.0685, 0.1904, 0.2274

Complementary

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



27.0685, 0.4274, 0.3076



56.4250, 0.2572, 0.3535

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.



27.0685, 0.1845, 0.2679



27.0685, 0.4274, 0.3076



27.0685, 0.2585, 0.4156

Square

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



27.0685, 0.4274, 0.3076



27.0685, 0.3971, 0.4578



27.0685, 0.2073, 0.3369



27.0685, 0.2237, 0.2154

Rectangle

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



27.0685, 0.4274, 0.3076



27.0685, 0.4563, 0.3989



27.0685, 0.2073, 0.3369



27.0685, 0.1853, 0.2376

Sweetspot

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



27.0699, 0.4274, 0.3076



76.0942, 0.3363, 0.3226



27.6843, 0.2982, 0.2027



15.6536, 0.3403, 0.3217



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.



27.0699, 0.4274, 0.3076



32.8788, 0.4658, 0.3047



35.3117, 0.4288, 0.3704



12.4545, 0.3265, 0.3251



8.7283, 0.6143, 0.3158



0.5371, 0.5694, 0.2911

Inverse Universe

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



27.0699, 0.4274, 0.3076



32.8788, 0.4658, 0.3047



41.7076, 0.2391, 0.2813



12.4545, 0.3265, 0.3251



8.7283, 0.6143, 0.3158



0.5371, 0.5694, 0.2911

Previews

White Background



This preview shows how the Yxy color 27.0685, 0.4274, 0.3076 looks on a white background.

Color Contrast Check

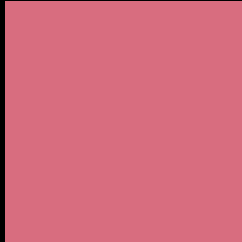
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0685, 0.4274, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

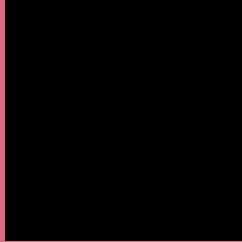
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0685, 0.4274, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 27.0685, 0.4274, 0.3076.



This preview shows how white text looks on a background with the Yxy color 27.0685, 0.4274, 0.3076.

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

27.0685, 0.4274, 0.3076

Protanopia

27.3196, 0.3119, 0.3241

Deuteranopia

27.1890, 0.3599, 0.3524



Tritanopia

27.1240, 0.4375, 0.3209

Trichromacy



Original Color

27.0685, 0.4274, 0.3076

Protanomaly

26.3463, 0.3508, 0.3171

Deuteranomaly

26.7013, 0.3842, 0.3335

Tritanomaly

26.9794, 0.4340, 0.3160

Monochromacy



Original Color

27.0685, 0.4274, 0.3076

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5848, 0.3517, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0685, 0.4274, 0.3076 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(216, 109, 127)` looks like.

```
.text, #text, p{  
    color:rgb(216, 109, 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(216, 109, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 109, 127) }
```

Border

The CSS property to change the border of an element to Yxy 27.0685, 0.4274, 0.3076 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(216, 109, 127) }
```

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

```
.border{ border-color:rgb(216, 109, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 109, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 109, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 109, 127);  
box-shadow:4px 4px 4px 4px rgb(216, 109,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0685, 0.4274, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 109, 127) }
```

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

```
.background{ background-color: rgb(216,  
109, 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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