

Converting Colors

$Y_{xy}(27.2756, 0.4223, 0.3019)$

Have a look what the booklet for
Yxy(27.2756, 0.4223, 0.3019)
contains.

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Color

Yxy(27.3549, 0.4217, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	D96D84
RGB	217, 109, 132
RGB Percent	85%, 43%, 52%
CMY	0.1490, 0.5725, 0.4823
CMYK	0.00, 0.50, 0.39, 0.15
HSL	347°, 59%, 64%
HSV	347°, 50%, 85%
XYZ	38.2479, 27.3549, 25.0965
YIQ	143.9140, 56.9850, 30.0490

Conversions

Conversions Part 2

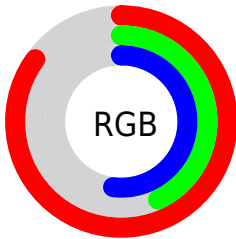
Format	Color
R_{YB}	217, 109, 132
Decimal	14249348
CIE _{Lab}	59.30, 44.57, 7.20
CIE _{LCh}	59, 45.145, 9.183
Yxy	27.3549, 0.4217, 0.3016
Android (android.graphics.Color)	4292439428 (0xFFD96D84)
YUV	143.9140, -5.8736, 64.0964
Hunter-Lab	52.3019, 39.0070, 8.1617

Details

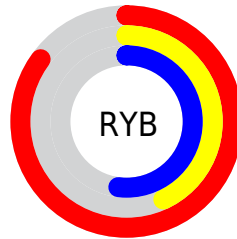
The Yxy color **27.3549, 0.4217, 0.3016** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.7694, 0.2595, 0.3605**, and the grayscale version is **27.8618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9572, 0.3790, 0.3061**, and **10.9217, 0.4604, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **22.8537, 0.4578, 0.2978**, and if you desaturate by 10%, it is **33.0780, 0.3906, 0.3067**.

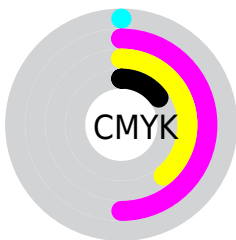
Distribution



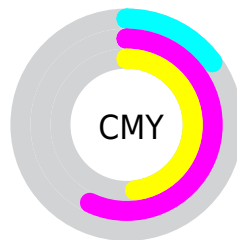
- Red (85%)
- Green (43%)
- Blue (52%)



- Red (85%)
- Yellow (43%)
- Blue (52%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (15%)




- Cyan (15%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3549, 0.4217, 0.3016 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 27.3549, 0.4217, 0.3016 by changing the saturation by 10% instead.


 27.3549, 0.4217,
0.3016


 27.3549, 0.4217,
0.3016


289.3714, 0.3621,
0.3176


 17.8399, 0.4383,
0.2967


 55.4528, 0.3988,
0.3080


 10.8351, 0.4608,
0.2899


 74.8046, 0.3906,
0.3103

 5.9561, 0.4925,
0.2797

 98.2041, 0.3838,
0.3121

 2.8184, 0.5405,
0.2631

 126.0358, 0.3781,
0.3136

 1.0377, 0.6248,
0.2352

158.6839, 0.3732,
0.3148

 0.0000, 1.0000,
0.0000


196.5330, 0.3690,


 0.0000, 0.0000,


0.3159


0.0000


239.9673, 0.3653,
0.3168

 27.3549, 0.4217,
0.3016


 27.3549, 0.4217,
0.3016


 22.8537, 0.4578,
0.2978


 33.0780, 0.3906,
0.3067


 19.4810, 0.4977,
0.2962


 40.0993, 0.3647,
0.3125


 17.1363, 0.5386,
0.2978


 48.4936, 0.3435,
0.3183

 15.6995, 0.5759,
0.3032


 58.3289, 0.3263,
0.3239


 14.9641, 0.6056,
0.3112

 69.6686, 0.3124,
0.3291

 14.9498, 0.6062,
0.3113

 82.5724, 0.3012,
0.3340

 93.2708, 0.2918,
0.3324

 93.4908, 0.2900,
0.3289

Harmonies

Analogous

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



27.3549, 0.3502, 0.2554



27.3549, 0.4217, 0.3016



27.3549, 0.4599, 0.3559

Triad

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



27.3549, 0.4217, 0.3016



27.3549, 0.3362, 0.4661



27.3549, 0.1877, 0.2299

Complementary

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



27.3549, 0.4217, 0.3016



56.7694, 0.2595, 0.3605

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.



27.3549, 0.1849, 0.2739



27.3549, 0.4217, 0.3016



27.3549, 0.2653, 0.4239

Square

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



27.3549, 0.4217, 0.3016



27.3549, 0.4045, 0.4552



27.3549, 0.2111, 0.3460



27.3549, 0.2181, 0.2149

Rectangle

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



27.3549, 0.4217, 0.3016



27.3549, 0.4593, 0.3931



27.3549, 0.2111, 0.3460



27.3549, 0.1837, 0.2412

Sweetspot

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



27.3563, 0.4217, 0.3016



76.1875, 0.3351, 0.3209



27.3649, 0.2945, 0.2008



15.6758, 0.3389, 0.3197



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.



27.3563, 0.4217, 0.3016



32.5004, 0.4608, 0.2976



34.4961, 0.4321, 0.3663



13.0967, 0.3258, 0.3240



9.0630, 0.6029, 0.3095



0.5999, 0.5572, 0.2843

Inverse Universe

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



27.3563, 0.4217, 0.3016



32.5004, 0.4608, 0.2976



43.5473, 0.2397, 0.2862



13.0967, 0.3258, 0.3240



9.0630, 0.6029, 0.3095



0.5999, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 27.3549, 0.4217, 0.3016 looks on a white background.

Color Contrast Check

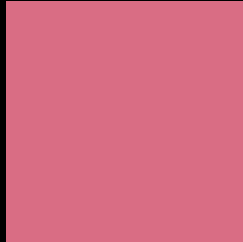
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3549, 0.4217, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

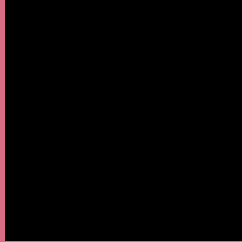
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3549, 0.4217, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 27.3549, 0.4217, 0.3016.



This preview shows how white text looks on a background with the Yxy color 27.3549, 0.4217, 0.3016.

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

27.3549, 0.4217, 0.3016

Protanopia

27.5097, 0.3060, 0.3146

Deuteranopia

27.4958, 0.3528, 0.3462



Tritanopia

27.2997, 0.4372, 0.3197

Trichromacy



Original Color

27.3549, 0.4217, 0.3016

Protanomaly

26.6368, 0.3450, 0.3083

Deuteranomaly

26.8310, 0.3780, 0.3263

Tritanomaly

27.2060, 0.4310, 0.3124

Monochromacy



Original Color

27.3549, 0.4217, 0.3016

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7840, 0.3494, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3549, 0.4217, 0.3016 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(217, 109, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 109, 132)  
}
```

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(217, 109, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 109, 132) }
```

Border

The CSS property to change the border of an element to Yxy 27.3549, 0.4217, 0.3016 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(217, 109, 132) }
```

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

```
.border{ border-color:rgb(217, 109, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 109, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 109, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 109, 132);  
box-shadow:4px 4px 4px 4px rgb(217, 109,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3549, 0.4217, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 109, 132) }
```

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

```
.background{ background-color: rgb(217,  
109, 132) }
```

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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