

Converting Colors

$Y_{xy}(25.7716, 0.4225, 0.3067)$

Have a look what the booklet for
Yxy(25.7716, 0.4225, 0.3067)
contains.

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Color

Yxy(25.7868, 0.4214, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	D16C7E
RGB	209, 108, 126
RGB Percent	82%, 42%, 49%
CMY	0.1805, 0.5764, 0.5059
CMYK	0.00, 0.48, 0.40, 0.18
HSL	349°, 52%, 62%
HSV	349°, 48%, 82%
XYZ	35.4190, 25.7868, 22.8450
YIQ	140.2510, 54.4180, 27.0100

Conversions

Conversions Part 2

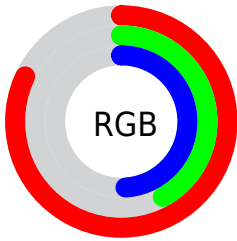
Format	Color
R_{YB}	209, 108, 126
Decimal	13724798
CIE _{Lab}	57.83, 41.56, 8.46
CIE _{LCh}	58, 42.408, 11.503
Yxy	25.7868, 0.4214, 0.3068
Android (android.graphics.Color)	4291914878 (0xFFD16C7E)
YUV	140.2510, -7.0257, 60.2929
Hunter-Lab	50.7807, 35.6357, 8.8733

Details

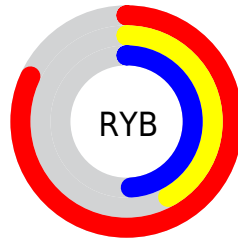
The Yxy color **25.7868, 0.4214, 0.3068** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.5448, 0.2588, 0.3542**, and the grayscale version is **26.3417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3553, 0.3852, 0.3113**, and **9.9435, 0.4620, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **21.4889, 0.4585, 0.3035**, and if you desaturate by 10%, it is **31.2199, 0.3897, 0.3111**.

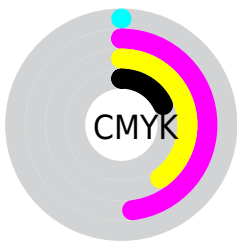
Distribution



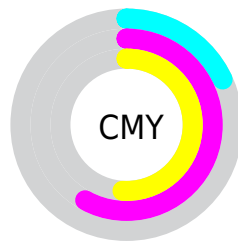
- Red (82%)
- Green (42%)
- Blue (49%)



- Red (82%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7868, 0.4214, 0.3068 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 25.7868, 0.4214, 0.3068 by changing the saturation by 10% instead.


 25.7868, 0.4214,
0.3068


 25.7868, 0.4214,
0.3068


281.7339, 0.3614,
0.3203


 16.6642, 0.4384,
0.3025


 52.9308, 0.3981,
0.3124

 9.9954, 0.4616,
0.2962


 71.7210, 0.3898,
0.3142

 5.3959, 0.4947,
0.2867


 94.5025, 0.3830,
0.3158

 2.4814, 0.5454,
0.2705

 121.6598, 0.3773,
0.3170

 0.8673, 0.6518,
0.2475

153.5772, 0.3724,
0.3180

 0.0000, 1.0000,
0.0000

190.6390, 0.3682,

 0.0000, 0.0000,

0.3189

0.0000

233.2298, 0.3646,
0.3196

■ 25.7868, 0.4214,
0.3068

■ 25.7868, 0.4214,
0.3068

■ 21.4889, 0.4585,
0.3035

■ 31.2199, 0.3897,
0.3111

■ 18.2417, 0.4996,
0.3021

■ 37.8570, 0.3634,
0.3159

■ 15.9551, 0.5418,
0.3034

■ 45.7662, 0.3419,
0.3207

■ 14.5221, 0.5804,
0.3079

■ 55.0090, 0.3246,
0.3254

■ 13.7834, 0.6104,
0.3149

■ 65.6433, 0.3106,
0.3297

 13.6878, 0.6147,
0.3160

 77.7234, 0.2992,
0.3337

 91.3006, 0.2900,
0.3373

 92.2930, 0.2855,
0.3289

Harmonies

Analogous

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



25.7868, 0.3546, 0.2611



25.7868, 0.4214, 0.3068



25.7868, 0.4549, 0.3598

Triad

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



25.7868, 0.4214, 0.3068



25.7868, 0.3303, 0.4586



25.7868, 0.1935, 0.2317

Complementary

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



25.7868, 0.4214, 0.3068



52.5448, 0.2588, 0.3542

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.



25.7868, 0.1887, 0.2722



25.7868, 0.4214, 0.3068



25.7868, 0.2627, 0.4145

Square

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



25.7868, 0.4214, 0.3068



25.7868, 0.3968, 0.4526



25.7868, 0.2121, 0.3395



25.7868, 0.2250, 0.2188

Rectangle

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



25.7868, 0.4214, 0.3068



25.7868, 0.4522, 0.3955



25.7868, 0.2121, 0.3395



25.7868, 0.1888, 0.2420

Sweetspot

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



25.7881, 0.4214, 0.3068



77.5517, 0.3343, 0.3227



26.3400, 0.2988, 0.2059



15.9414, 0.3382, 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.



25.7881, 0.4214, 0.3068



33.5014, 0.4599, 0.3034



33.3897, 0.4246, 0.3694



11.8421, 0.3263, 0.3249



8.4513, 0.6117, 0.3143



0.4832, 0.5628, 0.2874

Inverse Universe

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



25.7881, 0.4214, 0.3068



33.5014, 0.4599, 0.3034



39.2409, 0.2408, 0.2828



11.8421, 0.3263, 0.3249



8.4513, 0.6117, 0.3143



0.4832, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 25.7868, 0.4214, 0.3068 looks on a white background.

Color Contrast Check

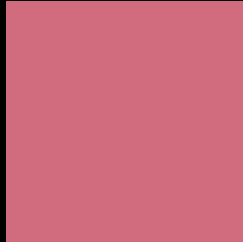
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7868, 0.4214, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

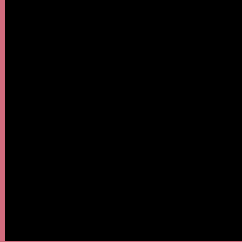
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7868, 0.4214, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 25.7868, 0.4214, 0.3068.



This preview shows how white text looks on a background with the Yxy color 25.7868, 0.4214, 0.3068.

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

25.7868, 0.4214, 0.3068

Protanopia

26.1111, 0.3109, 0.3224

Deuteranopia

25.8263, 0.3551, 0.3482



Tritanopia

25.6315, 0.4322, 0.3193

Trichromacy



Original Color

25.7868, 0.4214, 0.3068

Protanomaly

25.3515, 0.3478, 0.3153

Deuteranomaly

25.4444, 0.3791, 0.3322

Tritanomaly

25.7032, 0.4280, 0.3155

Monochromacy



Original Color

25.7868, 0.4214, 0.3068

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.1869, 0.3489, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7868, 0.4214, 0.3068 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(209, 108, 126)` looks like.

```
.text, #text, p{  
    color:rgb(209, 108, 126)  
}
```

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(209, 108, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 108, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.7868, 0.4214, 0.3068 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(209, 108, 126) }
```

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

```
.border{ border-color:rgb(209, 108, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 108, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 108, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 108, 126);  
box-shadow:4px 4px 4px 4px rgb(209, 108,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7868, 0.4214, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 108, 126) }
```

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

```
.background{ background-color: rgb(209,  
108, 126) }
```

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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