

Converting Colors

$Y_{xy}(25.3565, 0.4281, 0.2941)$

Have a look what the booklet for
Yxy(25.3565, 0.4281, 0.2941)
contains.

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Color

Yxy(25.3250, 0.4277, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	D86482
RGB	216, 100, 130
RGB Percent	85%, 39%, 51%
CMY	0.1529, 0.6078, 0.4903
CMYK	0.00, 0.54, 0.40, 0.15
HSL	344°, 60%, 62%
HSV	344°, 54%, 85%
XYZ	36.9046, 25.3250, 24.0566
YIQ	138.1040, 59.5060, 33.9220

Conversions

Conversions Part 2

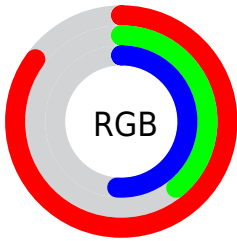
Format	Color
R _Y B	216, 100, 130
Decimal	14181506
CIE Lab	57.39, 48.43, 5.63
CIE LCh	57, 48.755, 6.628
Yxy	25.3250, 0.4277, 0.2935
Android (android.graphics.Color)	4292371586 (0xFFD86482)
YUV	138.1040, -3.9953, 68.3148
Hunter-Lab	50.3240, 42.8344, 6.8841

Details

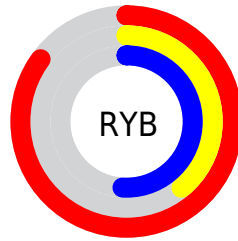
The Yxy color **25.3250, 0.4277, 0.2935** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.3680, 0.2593, 0.3712**, and the grayscale version is **25.4568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7901, 0.3836, 0.2988**, and **9.7162, 0.4692, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **21.3202, 0.4631, 0.2895**, and if you desaturate by 10%, it is **30.4976, 0.3968, 0.2994**.

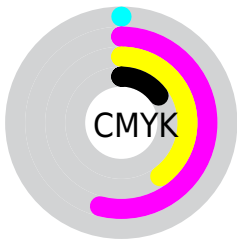
Distribution



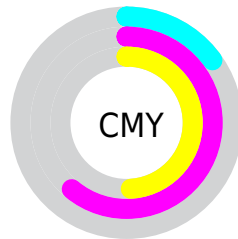
- Red (85%)
- Green (39%)
- Blue (51%)



- Red (85%)
- Yellow (39%)
- Blue (51%)



- Cyan (0%)
- Magenta (54%)
- Yellow (40%)
- Black (15%)





- Cyan (15%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3250, 0.4277, 0.2935 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 25.3250, 0.4277, 0.2935 by changing the saturation by 10% instead.


 25.3250, 0.4277,
0.2935


 25.3250, 0.4277,
0.2935


279.4526, 0.3643,
0.3140


 16.3194, 0.4456,
0.2874


 52.1840, 0.4031,
0.3017

 9.7504, 0.4700,
0.2788


 70.8061, 0.3944,
0.3045

 5.2338, 0.5047,
0.2661

 93.4025, 0.3872,
0.3068

 2.3851, 0.5577,
0.2458

 120.3576, 0.3811,
0.3087

 0.8182, 0.6577,
0.2129

152.0558, 0.3760,
0.3103

 0.0000, 1.0000,
0.0000

188.8814, 0.3715,

 0.0000, 0.0000,

0.3117

0.0000

231.2189, 0.3677,
0.3129

■ 25.3250, 0.4277,
0.2935

■ 25.3250, 0.4277,
0.2935

■ 21.3202, 0.4631,
0.2895

■ 30.4976, 0.3968,
0.2994

■ 18.3872, 0.5014,
0.2883

■ 36.9160, 0.3707,
0.3062

■ 16.4215, 0.5398,
0.2912

■ 44.6563, 0.3492,
0.3132

■ 15.2950, 0.5742,
0.2982

■ 53.7869, 0.3316,
0.3201

■ 14.8828, 0.5928,
0.3039

■ 64.3720, 0.3173,
0.3267

■ 76.4713, 0.3057,
0.3328

■ 90.1415, 0.2963,
0.3384

■ 93.3390, 0.2894,
0.3289

Harmonies

Analogous

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



25.3250, 0.3463, 0.2450



25.3250, 0.4277, 0.2935



25.3250, 0.4739, 0.3514

Triad

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



25.3250, 0.4277, 0.2935



25.3250, 0.3437, 0.4830



25.3250, 0.1753, 0.2228

Complementary

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



25.3250, 0.4277, 0.2935



55.3680, 0.2593, 0.3712

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.



25.3250, 0.1745, 0.2728



25.3250, 0.4277, 0.2935



25.3250, 0.2657, 0.4418

Square

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



25.3250, 0.4277, 0.2935



25.3250, 0.4176, 0.4637



25.3250, 0.2049, 0.3549



25.3250, 0.2053, 0.2049

Rectangle

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



25.3250, 0.4277, 0.2935



25.3250, 0.4752, 0.3917



25.3250, 0.2049, 0.3549



25.3250, 0.1717, 0.2357

Sweetspot

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



25.3263, 0.4277, 0.2935



74.8767, 0.3355, 0.3185



24.3968, 0.2864, 0.1890



15.4215, 0.3391, 0.3170



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.



25.3263, 0.4277, 0.2935



30.6002, 0.4664, 0.2892



30.7170, 0.4501, 0.3618



12.4730, 0.3251, 0.3230



8.8241, 0.5890, 0.3018



0.5458, 0.5390, 0.2743

Inverse Universe

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



25.3263, 0.4277, 0.2935



30.6002, 0.4664, 0.2892



44.0353, 0.2366, 0.2908



12.4730, 0.3251, 0.3230



8.8241, 0.5890, 0.3018



0.5458, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 25.3250, 0.4277, 0.2935 looks on a white background.

Color Contrast Check

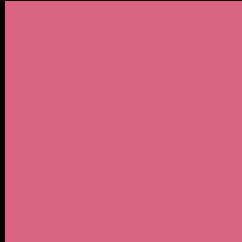
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3250, 0.4277, 0.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

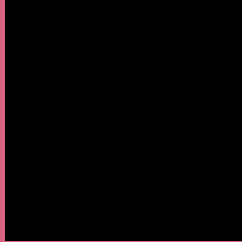
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3250, 0.4277, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 25.3250, 0.4277, 0.2935.



This preview shows how white text looks on a background with the Yxy color 25.3250, 0.4277, 0.2935.

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

25.3250, 0.4277, 0.2935

Protanopia

25.4441, 0.2988, 0.3059

Deuteranopia

25.4238, 0.3496, 0.3419



Tritanopia

25.4954, 0.4514, 0.3211

Trichromacy



Original Color

25.3250, 0.4277, 0.2935

Protanomaly

24.5055, 0.3416, 0.3002

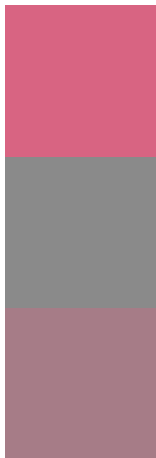
Deuteranomaly

24.6720, 0.3769, 0.3204

Tritanomaly

25.4556, 0.4421, 0.3114

Monochromacy



Original Color

25.3250, 0.4277, 0.2935

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.2716, 0.3512, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3250, 0.4277, 0.2935 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, 100, 130)` looks like.

```
.text, #text, p{  
    color:rgb(216, 100, 130)  
}
```

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, 100, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 100, 130) }
```

Border

The CSS property to change the border of an element to Yxy 25.3250, 0.4277, 0.2935 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, 100, 130) }
```

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

```
.border{ border-color:rgb(216, 100, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 100, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 100, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 100, 130);  
box-shadow:4px 4px 4px 4px rgb(216, 100,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3250, 0.4277, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 100, 130) }
```

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

```
.background{ background-color: rgb(216,  
100, 130) }
```

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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