

Converting Colors

$Y_{xy}(25.4528, 0.4468, 0.3233)$

Have a look what the booklet for
Yxy(25.4528, 0.4468, 0.3233)
contains.

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Color

Yxy(25.4528, 0.4468, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	D46A6F
RGB	212, 106, 111
RGB Percent	83%, 42%, 44%
CMY	0.1686, 0.5843, 0.5647
CMYK	0.00, 0.50, 0.48, 0.17
HSL	357°, 55%, 62%
HSV	357°, 50%, 83%
XYZ	35.1757, 25.4528, 18.0996
YIQ	138.2640, 61.5710, 24.0270

Conversions

Conversions Part 2

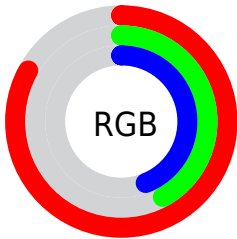
Format	Color
R _Y B	212, 106, 111
Decimal	13920879
CIE Lab	57.51, 42.11, 16.78
CIE LCh	58, 45.331, 21.726
Yxy	25.4528, 0.4468, 0.3233
Android (android.graphics.Color)	4292110959 (0xFFD46A6F)
YUV	138.2640, -13.4412, 64.6665
Hunter-Lab	50.4508, 36.1665, 14.0448

Details

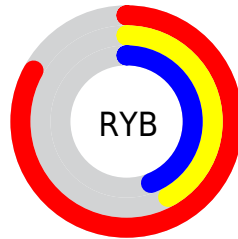
The Yxy color **25.4528, 0.4468, 0.3233** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54.6581, 0.2502, 0.3356**, and the grayscale version is **25.5573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0460, 0.4017, 0.3261**, and **9.7695, 0.4968, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **21.2156, 0.4909, 0.3228**, and if you desaturate by 10%, it is **30.8732, 0.4084, 0.3243**.

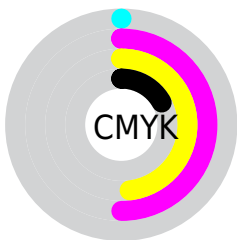
Distribution



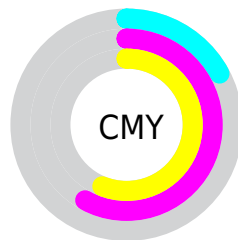
- Red (83%)
- Green (42%)
- Blue (44%)



- Red (83%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (17%)





- Cyan (17%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4528, 0.4468, 0.3233 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 25.4528, 0.4468, 0.3233 by changing the saturation by 10% instead.


 25.4528, 0.4468,
0.3233


 25.4528, 0.4468,
0.3233


280.0855, 0.3725,
0.3293

 16.4147, 0.4678,
0.3204


 52.3908, 0.4180,
0.3264


 9.8181, 0.4961,
0.3156


 71.0596, 0.4077,
0.3273

 5.2785, 0.5362,
0.3073

 93.7074, 0.3993,
0.3279

 2.4116, 0.5958,
0.2910

 120.7186, 0.3922,
0.3284

 0.8318, 0.7297,
0.2703

152.4776, 0.3861,
0.3287

 0.0000, 1.0000,
0.0000


189.3688, 0.3809,


 0.0000, 0.0000,


0.3289

0.0000

231.7767, 0.3764,
0.3291


 25.4528, 0.4468,
0.3233


 25.4528, 0.4468,
0.3233


 21.2156, 0.4909,
0.3228


 30.8732, 0.4084,
0.3243


 18.0696, 0.5377,
0.3229


 37.5519, 0.3763,
0.3254

 15.9160, 0.5818,
0.3240


 45.5623, 0.3503,
0.3267

 14.6362, 0.6160,
0.3259


 54.9711, 0.3294,
0.3279

 14.0195, 0.6359,
0.3277

 65.8407, 0.3127,
0.3290

 14.0195, 0.6359,
0.3277

 78.2295, 0.2993,
0.3300

 92.1928, 0.2885,
0.3310

 92.7376, 0.2872,
0.3289

Harmonies

Analogous

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



25.4528, 0.3843, 0.2718



25.4528, 0.4468, 0.3233



25.4528, 0.4660, 0.3800

Triad

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



25.4528, 0.4468, 0.3233



25.4528, 0.3052, 0.4590



25.4528, 0.1943, 0.2176

Complementary

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



25.4528, 0.4468, 0.3233



54.6581, 0.2502, 0.3356

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.



25.4528, 0.1796, 0.2496



25.4528, 0.4468, 0.3233



25.4528, 0.2376, 0.3952

Square

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



25.4528, 0.4468, 0.3233



25.4528, 0.3788, 0.4691



25.4528, 0.1936, 0.3124



25.4528, 0.2369, 0.2135

Rectangle

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



25.4528, 0.4468, 0.3233



25.4528, 0.4522, 0.4171



25.4528, 0.1936, 0.3124



25.4528, 0.1863, 0.2249

Sweetspot

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



25.4541, 0.4468, 0.3233



75.8480, 0.3396, 0.3273



28.2851, 0.3128, 0.2073



15.5952, 0.3442, 0.3270



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.



25.4541, 0.4468, 0.3233



31.8717, 0.4938, 0.3228



38.0516, 0.4205, 0.3878



12.4302, 0.3284, 0.3279



8.6588, 0.6346, 0.3270



0.5257, 0.6179, 0.3178

Inverse Universe

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



25.4541, 0.4468, 0.3233



31.8717, 0.4938, 0.3228



34.4776, 0.2344, 0.2594



12.4302, 0.3284, 0.3279



8.6588, 0.6346, 0.3270



0.5257, 0.6179, 0.3178

Previews

White Background



This preview shows how the Yxy color 25.4528, 0.4468, 0.3233 looks on a white background.

Color Contrast Check

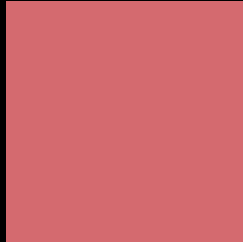
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4528, 0.4468, 0.3233 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 25.4528, 0.4468, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 25.4528, 0.4468, 0.3233.



This preview shows how white text looks on a background with the Yxy color 25.4528, 0.4468, 0.3233.

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

25.4528, 0.4468, 0.3233

Protanopia

25.6386, 0.3309, 0.3474

Deuteranopia

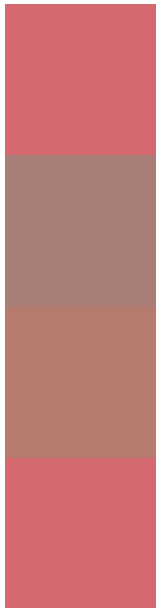
25.6022, 0.3787, 0.3716



Tritanopia

25.4974, 0.4440, 0.3209

Trichromacy



Original Color

25.4528, 0.4468, 0.3233

Protanomaly

24.7372, 0.3714, 0.3368

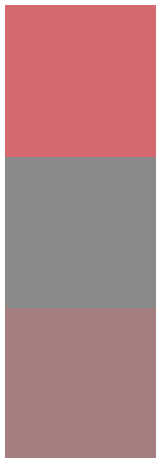
Deuteranomaly

25.0724, 0.4039, 0.3510

Tritanomaly

25.4750, 0.4454, 0.3221

Monochromacy



Original Color

25.4528, 0.4468, 0.3233

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4796, 0.3579, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4528, 0.4468, 0.3233 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(212, 106, 111)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 111)  
}
```

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(212, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.4528, 0.4468, 0.3233 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(212, 106, 111) }
```

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

```
.border{ border-color:rgb(212, 106, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4528, 0.4468, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 111) }
```

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

```
.background{ background-color: rgb(212,  
106, 111) }
```

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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