

Converting Colors

$Y_{xy}(25.4076, 0.4804, 0.3443)$

Have a look what the booklet for
Yxy(25.4076, 0.4804, 0.3443)
contains.

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Color

Yxy(25.4077, 0.4804, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	D9685B
RGB	217, 104, 91
RGB Percent	85%, 41%, 36%
CMY	0.1491, 0.5921, 0.6431
CMYK	0.00, 0.52, 0.58, 0.15
HSL	6°, 62%, 60%
HSV	6°, 58%, 85%
XYZ	35.4512, 25.4077, 12.9363
YIQ	136.3050, 71.5210, 19.9130

Conversions

Conversions Part 2

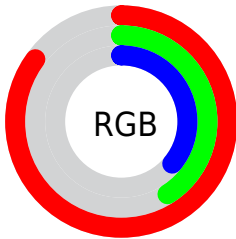
Format	Color
R _Y B	217, 105, 91
Decimal	14248027
CIE Lab	57.47, 43.23, 28.35
CIE LCh	57, 51.700, 33.257
Yxy	25.4077, 0.4804, 0.3443
Android (android.graphics.Color)	4292438107 (0xFFD9685B)
YUV	136.3050, -22.3354, 70.7695
Hunter-Lab	50.4061, 37.3308, 20.0679

Details

The Yxy color **25.4077, 0.4804, 0.3443** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **50.4115, 0.2369, 0.3108**, and the grayscale version is **24.8085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6368, 0.4246, 0.3471**, and **9.8135, 0.5386, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **21.6107, 0.5254, 0.3450**, and if you desaturate by 10%, it is **30.2195, 0.4386, 0.3424**.

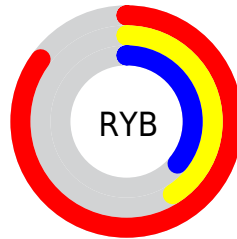
Distribution



Red (85%)

Green (41%)

Blue (36%)



Red (85%)

Yellow (41%)

Blue (36%)

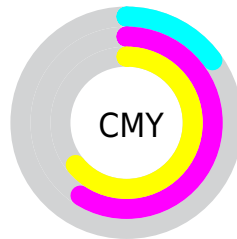


Cyan (0%)

Magenta (52%)

Yellow (58%)

Black (15%)



Cyan (15%)


Magenta (59%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4077, 0.4804, 0.3443 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 25.4077, 0.4804, 0.3443 by changing the saturation by 10% instead.


 25.4077, 0.4804,
0.3443


 25.4077, 0.4804,
0.3443


279.8623, 0.3880,
0.3415


 16.3811, 0.5057,
0.3426


 52.3179, 0.4450,
0.3449


 9.7942, 0.5390,
0.3386


 70.9702, 0.4322,
0.3445

 5.2627, 0.5841,
0.3297


 93.5999, 0.4217,
0.3441

 2.4022, 0.6649,
0.3187

 120.5913, 0.4128,
0.3436

 0.8270, 0.7346,
0.2654

152.3288, 0.4052,
0.3430

 0.0000, 1.0000,
0.0000

189.1969, 0.3987,

 0.0000, 0.0000,


0.3425


0.0000


231.5799, 0.3930,
0.3420


 25.4077, 0.4804,
0.3443

 25.4077, 0.4804,
0.3443


 21.6107, 0.5254,
0.3450


 30.2195, 0.4386,
0.3424


 18.7517, 0.5692,
0.3439


 36.1075, 0.4023,
0.3397


 16.7497, 0.6055,
0.3408

 43.1330, 0.3718,
0.3368

 15.5055, 0.6293,
0.3364

 51.3516, 0.3467,
0.3339

 15.3385, 0.6328,
0.3358

 60.8151, 0.3263,
0.3311

■ 71.5724, 0.3098,
0.3285

■ 83.6698, 0.2963,
0.3262

■ 93.4894, 0.2900,
0.3289

Harmonies

Analogous

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



25.4077, 0.4260, 0.2849



25.4077, 0.4804, 0.3443



25.4077, 0.4789, 0.4073

Triad

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



25.4077, 0.4804, 0.3443



25.4077, 0.2712, 0.4577



25.4077, 0.1949, 0.1995

Complementary

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



25.4077, 0.4804, 0.3443



50.4115, 0.2369, 0.3108

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.



25.4077, 0.1672, 0.2211



25.4077, 0.4804, 0.3443



25.4077, 0.2046, 0.3671

Square

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



25.4077, 0.4804, 0.3443



25.4077, 0.3536, 0.4930



25.4077, 0.1696, 0.2772



25.4077, 0.2531, 0.2059

Rectangle

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



25.4077, 0.4804, 0.3443



25.4077, 0.4502, 0.4474



25.4077, 0.1696, 0.2772



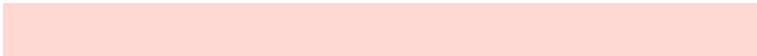
25.4077, 0.1823, 0.2033

Sweetspot

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



25.4091, 0.4804, 0.3443



75.1714, 0.3447, 0.3336



26.6124, 0.3327, 0.2045



15.5382, 0.3493, 0.3342



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.



25.4091, 0.4804, 0.3443



29.9596, 0.5370, 0.3449



42.9950, 0.4291, 0.4170



13.2667, 0.3289, 0.3315



9.3592, 0.6313, 0.3369



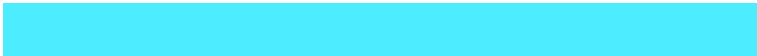
0.6814, 0.6098, 0.3540

Inverse Universe

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



50.4115, 0.2369, 0.3108



69.1000, 0.2271, 0.3063



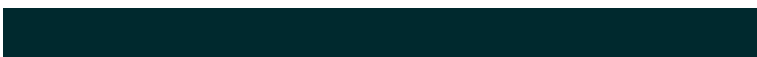
26.4026, 0.2163, 0.2161



14.5879, 0.2982, 0.3265



26.6428, 0.2157, 0.2964



1.7936, 0.2173, 0.3022

Previews

White Background



This preview shows how the Yxy color 25.4077, 0.4804, 0.3443 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 25.4077, 0.4804, 0.3443 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 25.4077, 0.4804, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 25.4077, 0.4804, 0.3443.



This preview shows how white text looks on a background with the Yxy color 25.4077, 0.4804, 0.3443.

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

25.4077, 0.4804, 0.3443

Protanopia

25.4928, 0.3594, 0.3841

Deuteranopia

25.3899, 0.4067, 0.3992



Tritanopia

25.2955, 0.4608, 0.3213

Trichromacy



Original Color

25.4077, 0.4804, 0.3443

Protanomaly

24.7260, 0.4021, 0.3683

Deuteranomaly

24.9379, 0.4340, 0.3767

Tritanomaly

25.3675, 0.4684, 0.3295

Monochromacy



Original Color

25.4077, 0.4804, 0.3443

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.7707, 0.3685, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4077, 0.4804, 0.3443 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, 104, 91)` looks like.

```
.text, #text, p{  
    color:rgb(217, 104, 91)  
}
```

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, 104, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 104, 91) }
```

Border

The CSS property to change the border of an element to Yxy 25.4077, 0.4804, 0.3443 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, 104, 91) }
```

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

```
.border{ border-color:rgb(217, 104, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 104, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 104, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 104, 91);  
box-shadow:4px 4px 4px 4px rgb(217, 104,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4077, 0.4804, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 104, 91) }
```

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

```
.background{ background-color: rgb(217,  
104, 91) }
```

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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