

Converting Colors

$Y_{xy}(25.0393, 0.4280, 0.3411)$

Have a look what the booklet for
Yxy(25.0393, 0.4280, 0.3411)
contains.

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Color

Yxy(24.9251, 0.4270, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	C3736B
RGB	195, 115, 107
RGB Percent	76%, 45%, 42%
CMY	0.2352, 0.5490, 0.5804
CMYK	0.00, 0.41, 0.45, 0.24
HSL	5°, 42%, 59%
HSV	5°, 45%, 76%
XYZ	31.2938, 24.9251, 17.0687
YIQ	138.0080, 50.2480, 14.4720

Conversions

Conversions Part 2

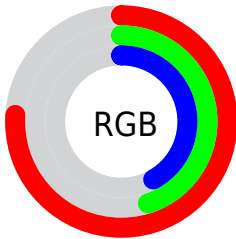
Format	Color
R_{YB}	195, 116, 107
Decimal	12809067
CIE Lab	57.00, 30.59, 18.03
CIE LCh	57, 35.509, 30.509
Yxy	24.9251, 0.4270, 0.3401
Android (android.graphics.Color)	4290999147 (0xFFC3736B)
YUV	138.0080, -15.2869, 49.9820
Hunter-Lab	49.9250, 24.5177, 14.6771

Details

The Yxy color **24.9251, 0.4270, 0.3401** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.6140, 0.2507, 0.3171**, and the grayscale version is **25.4641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5447, 0.4025, 0.3398**, and **9.5101, 0.4691, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **20.8995, 0.4673, 0.3420**, and if you desaturate by 10%, it is **29.8233, 0.3924, 0.3377**.

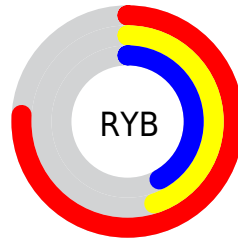
Distribution



Red (76%)

Green (45%)

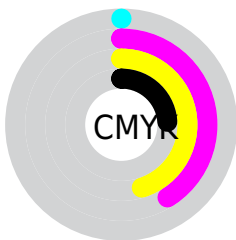
Blue (42%)



Red (76%)

Yellow (45%)

Blue (42%)

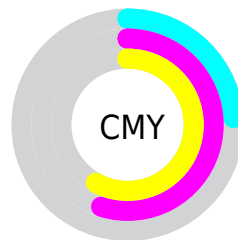


Cyan (0%)

Magenta (41%)

Yellow (45%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9251, 0.4270, 0.3401 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 24.9251, 0.4270, 0.3401 by changing the saturation by 10% instead.


 24.9251, 0.4270,
0.3401


 24.9251, 0.4270,
0.3401


277.4647, 0.3634,
0.3364

 16.0213, 0.4452,
0.3400


 51.5357, 0.4022,
0.3394


 9.5392, 0.4699,
0.3391


 70.0112, 0.3934,
0.3389

 5.0945, 0.5052,
0.3361

 92.4461, 0.3862,
0.3384

 2.3028, 0.5594,
0.3281

 119.2248, 0.3801,
0.3380

 0.7752, 0.6817,
0.3183

150.7316, 0.3750,
0.3375

 0.0000, 1.0000,
0.0000

187.3509, 0.3706,

 0.0000, 0.0000,

0.3371

0.0000

229.4671, 0.3667,
0.3368

■ 24.9251, 0.4270,
0.3401

■ 24.9251, 0.4270,
0.3401

■ 20.8995, 0.4673,
0.3420

■ 29.8233, 0.3924,
0.3377

■ 17.6917, 0.5117,
0.3431

■ 35.6373, 0.3637,
0.3351

■ 15.2466, 0.5566,
0.3426


■ 42.4117, 0.3402,
0.3326

■ 13.5007, 0.5960,
0.3404

■ 50.1874, 0.3211,
0.3302

■ 12.3800, 0.6238,
0.3367

■ 59.0027, 0.3056,
0.3280

 12.0288, 0.6334,
0.3353

 68.8941, 0.2929,
0.3259

 79.8960, 0.2826,
0.3241

 90.3448, 0.2778,
0.3289

Harmonies

Analogous

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



24.9251, 0.3863, 0.2949



24.9251, 0.4270, 0.3401



24.9251, 0.4324, 0.3868

Triad

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



24.9251, 0.4270, 0.3401



24.9251, 0.2914, 0.4180



24.9251, 0.2244, 0.2354

Complementary

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



24.9251, 0.4270, 0.3401



42.6140, 0.2507, 0.3171

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.



24.9251, 0.2051, 0.2561



24.9251, 0.4270, 0.3401



24.9251, 0.2404, 0.3622

Square

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



24.9251, 0.4270, 0.3401



24.9251, 0.3510, 0.4408



24.9251, 0.2102, 0.3006



24.9251, 0.2665, 0.2373

Rectangle

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



24.9251, 0.4270, 0.3401



24.9251, 0.4161, 0.4143



24.9251, 0.2102, 0.3006



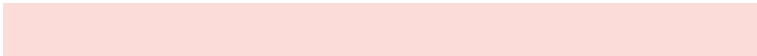
24.9251, 0.2153, 0.2397

Sweetspot

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



24.9264, 0.4270, 0.3401



77.1497, 0.3383, 0.3323



25.7355, 0.3258, 0.2278



16.2696, 0.3429, 0.3329



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.



24.9264, 0.4270, 0.3401



37.6183, 0.4660, 0.3420



37.2365, 0.3992, 0.3969



10.2219, 0.3287, 0.3312



7.8714, 0.6321, 0.3363



0.3912, 0.6063, 0.3568

Inverse Universe

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



42.6140, 0.2507, 0.3171



73.1312, 0.2407, 0.3141



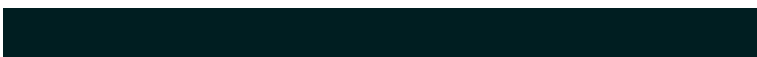
26.9129, 0.2387, 0.2487



11.2668, 0.2984, 0.3268



23.1320, 0.2168, 0.3006



1.0461, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 24.9251, 0.4270, 0.3401 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 24.9251, 0.4270, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

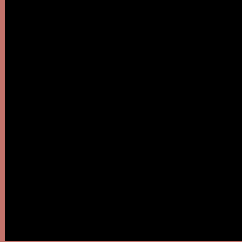
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9251, 0.4270, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 24.9251, 0.4270, 0.3401.



This preview shows how white text looks on a background with the Yxy color 24.9251, 0.4270, 0.3401.

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

24.9251, 0.4270, 0.3401

Protanopia

25.1050, 0.3419, 0.3628

Deuteranopia

25.1834, 0.3803, 0.3734



Tritanopia

24.9265, 0.4105, 0.3185

Trichromacy



Original Color

24.9251, 0.4270, 0.3401

Protanomaly

24.6793, 0.3725, 0.3544

Deuteranomaly

24.9403, 0.3973, 0.3607

Tritanomaly

25.0313, 0.4167, 0.3266

Monochromacy



Original Color

24.9251, 0.4270, 0.3401

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8685, 0.3506, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9251, 0.4270, 0.3401 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(195, 115, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 115, 107)  
}
```

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(195, 115, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 115, 107) }
```

Border

The CSS property to change the border of an element to Yxy 24.9251, 0.4270, 0.3401 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(195, 115, 107) }
```

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

```
.border{ border-color:rgb(195, 115, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 115, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 115, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 115, 107);  
box-shadow:4px 4px 4px 4px rgb(195, 115,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9251, 0.4270, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 115, 107) }
```

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

```
.background{ background-color: rgb(195,  
115, 107) }
```

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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