

Converting Colors

$Yxy(24.3391, 0.4392, 0.3314)$

Have a look what the booklet for
Yxy(24.3391, 0.4392, 0.3314)
contains.

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Color

Yxy(24.2042, 0.4386, 0.3307)

Conversions

Conversions Part 1

Format	Color
Hex	C96C6B
RGB	201, 108, 107
RGB Percent	79%, 42%, 42%
CMY	0.2118, 0.5764, 0.5805
CMYK	0.00, 0.46, 0.47, 0.21
HSL	1°, 47%, 60%
HSV	1°, 47%, 79%
XYZ	32.1015, 24.2042, 16.8851
YIQ	135.6930, 55.7490, 19.4050

Conversions

Conversions Part 2

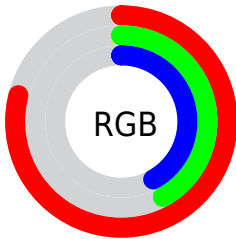
Format	Color
R _Y B	201, 108, 107
Decimal	13200491
CIE Lab	56.29, 36.60, 17.19
CIE LCh	56, 40.436, 25.157
Yxy	24.2042, 0.4386, 0.3307
Android (android.graphics.Color)	4291390571 (0xFFC96C6B)
YUV	135.6930, -14.1456, 57.2742
Hunter-Lab	49.1978, 30.3750, 14.0896

Details

The Yxy color **24.2042, 0.4386, 0.3307** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.6326, 0.2507, 0.3274**, and the grayscale version is **24.5389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2184, 0.4063, 0.3324**, and **9.0921, 0.4857, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **20.1041, 0.4825, 0.3310**, and if you desaturate by 10%, it is **29.3611, 0.4008, 0.3303**.

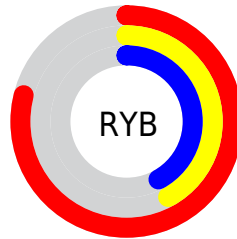
Distribution



Red (79%)

Green (42%)

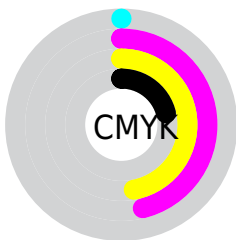
Blue (42%)



Red (79%)

Yellow (42%)

Blue (42%)

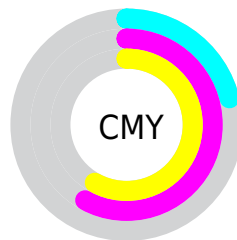


Cyan (0%)

Magenta (46%)

Yellow (47%)

Black (21%)



Cyan (21%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2042, 0.4386, 0.3307 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 24.2042, 0.4386, 0.3307 by changing the saturation by 10% instead.


 24.2042, 0.4386,
0.3307


 24.2042, 0.4386,
0.3307


273.8512, 0.3682,
0.3325


 15.4852, 0.4588,
0.3290


 50.3632, 0.4111,
0.3322


 9.1606, 0.4862,
0.3257


 68.5720, 0.4014,
0.3325

 4.8461, 0.5255,
0.3193

 90.7128, 0.3934,
0.3326

 2.1572, 0.5859,
0.3060

 117.1701, 0.3867,
0.3326

 0.6965, 0.7183,
0.2817

148.3281, 0.3810,
0.3326

 0.0000, 1.0000,
0.0000

184.5714, 0.3762,


 0.0000, 0.0000,


0.3326


0.0000

226.2843, 0.3719,
0.3325


 24.2042, 0.4386,
0.3307


 24.2042, 0.4386,
0.3307


 20.1041, 0.4825,
0.3310


 29.3611, 0.4008,
0.3303

 16.9842, 0.5299,
0.3312


 35.6368, 0.3696,
0.3299

 14.7639, 0.5757,
0.3312

 43.0931, 0.3443,
0.3296

 13.3479, 0.6124,
0.3309

 51.7862, 0.3241,
0.3292

 12.6177, 0.6343,
0.3305

 61.7687, 0.3079,
0.3289

 12.4641, 0.6394,
0.3305

 73.0901, 0.2948,
0.3286

 85.7972, 0.2843,
0.3284

 91.1564, 0.2811,
0.3289

Harmonies

Analogous

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



24.2042, 0.3856, 0.2817



24.2042, 0.4386, 0.3307



24.2042, 0.4517, 0.3834

Triad

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



24.2042, 0.4386, 0.3307



24.2042, 0.2991, 0.4412



24.2042, 0.2070, 0.2251

Complementary

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



24.2042, 0.4386, 0.3307



48.6326, 0.2507, 0.3274

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.



24.2042, 0.1902, 0.2522



24.2042, 0.4386, 0.3307



24.2042, 0.2386, 0.3803

Square

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



24.2042, 0.4386, 0.3307



24.2042, 0.3668, 0.4576



24.2042, 0.2006, 0.3070



24.2042, 0.2496, 0.2235

Rectangle

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



24.2042, 0.4386, 0.3307



24.2042, 0.4367, 0.4166



24.2042, 0.2006, 0.3070



24.2042, 0.1985, 0.2311

Sweetspot

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



24.2054, 0.4386, 0.3307



77.4146, 0.3387, 0.3295



27.1450, 0.3180, 0.2164



15.9084, 0.3435, 0.3295



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.



24.2054, 0.4386, 0.3307



34.4157, 0.4825, 0.3310



36.5847, 0.4081, 0.3899



10.6552, 0.3289, 0.3293



7.8465, 0.6391, 0.3307



0.3782, 0.6358, 0.3333

Inverse Universe

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



48.6326, 0.2507, 0.3274



81.2042, 0.2417, 0.3270



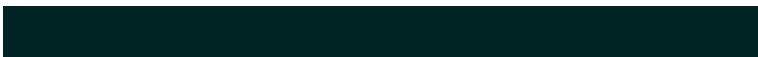
30.4486, 0.2381, 0.2575



12.0469, 0.2984, 0.3287



28.2858, 0.2237, 0.3255



1.3459, 0.2239, 0.3262

Previews

White Background



This preview shows how the Yxy color 24.2042, 0.4386, 0.3307 looks on a white background.

Color Contrast Check

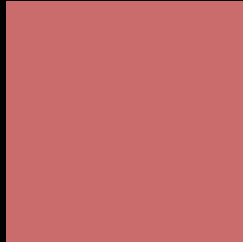
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2042, 0.4386, 0.3307 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 24.2042, 0.4386, 0.3307

Background



This preview shows how black text looks on a background with the Yxy color 24.2042, 0.4386, 0.3307.



This preview shows how white text looks on a background with the Yxy color 24.2042, 0.4386, 0.3307.

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

24.2042, 0.4386, 0.3307

Protanopia

24.3467, 0.3356, 0.3547

Deuteranopia

24.3155, 0.3789, 0.3726



Tritanopia

24.3098, 0.4292, 0.3190

Trichromacy



Original Color

24.2042, 0.4386, 0.3307

Protanomaly

23.6916, 0.3718, 0.3450

Deuteranomaly

23.9172, 0.4009, 0.3563

Tritanomaly

24.2418, 0.4334, 0.3229

Monochromacy



Original Color

24.2042, 0.4386, 0.3307

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8760, 0.3554, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2042, 0.4386, 0.3307 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(201, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(201, 108, 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(201, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 108, 107) }
```

Border

The CSS property to change the border of an element to Yxy 24.2042, 0.4386, 0.3307 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(201, 108, 107) }
```

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

```
.border{ border-color:rgb(201, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(201, 108,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2042, 0.4386, 0.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 108, 107) }
```

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

```
.background{ background-color: rgb(201,  
108, 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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