

Converting Colors

$Y_{xy}(24.0830, 0.4167, 0.3258)$

Have a look what the booklet for
Yxy(24.0830, 0.4167, 0.3258)
contains.

Yxy(24.1407, 0.4170, 0.3266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1407, 0.4170, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C17072
RGB	193, 112, 114
RGB Percent	76%, 44%, 45%
CMY	0.2432, 0.5608, 0.5530
CMYK	0.00, 0.42, 0.41, 0.24
HSL	359°, 40%, 60%
HSV	359°, 42%, 76%
XYZ	30.8226, 24.1407, 18.9519
YIQ	136.4470, 47.6340, 17.7940

Conversions

Conversions Part 2

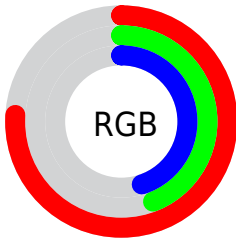
Format	Color
R _Y B	193, 112, 114
Decimal	12677234
CIE Lab	56.23, 32.19, 12.86
CIE LCh	56, 34.662, 21.785
Yxy	24.1407, 0.4170, 0.3266
Android (android.graphics.Color)	4290867314 (0xFFC17072)
YUV	136.4470, -11.0664, 49.5970
Hunter-Lab	49.1332, 25.9950, 11.5236

Details

The Yxy color **24.1407, 0.4170, 0.3266** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.3458, 0.2572, 0.3317**, and the grayscale version is **24.8266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3589, 0.3942, 0.3282**, and **9.1570, 0.4583, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **19.9439, 0.4572, 0.3262**, and if you desaturate by 10%, it is **29.3409, 0.3832, 0.3271**.

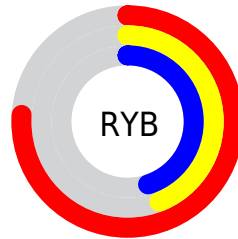
Distribution



Red (76%)

Green (44%)

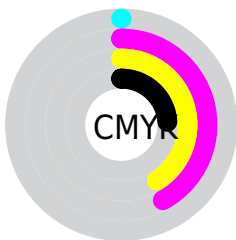
Blue (45%)



Red (76%)

Yellow (44%)

Blue (45%)

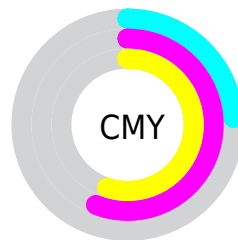


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1407, 0.4170, 0.3266 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 24.1407, 0.4170, 0.3266 by changing the saturation by 10% instead.


 24.1407, 0.4170,
0.3266


 24.1407, 0.4170,
0.3266


273.5310, 0.3586,
0.3297


 15.4380, 0.4339,
0.3249

 50.2597, 0.3941,
0.3283


 9.1274, 0.4571,
0.3221

 68.4448, 0.3861,
0.3288

 4.8244, 0.4907,
0.3168

 90.5595, 0.3794,
0.3291

 2.1446, 0.5431,
0.3058

 116.9883, 0.3739,
0.3293

 0.6895, 0.6981,
0.3019

148.1154, 0.3692,
0.3294

 0.0000, 1.0000,
0.0000

184.3253, 0.3652,

 0.0000, 0.0000,


0.3295


0.0000


226.0024, 0.3617,
0.3296

 24.1407, 0.4170,
0.3266


 24.1407, 0.4170,
0.3266


 19.9439, 0.4572,
0.3262

 29.3409, 0.3832,
0.3271


 16.6825, 0.5026,
0.3261

 35.5996, 0.3557,
0.3277


 14.2860, 0.5497,
0.3263

 42.9719, 0.3335,
0.3283

 12.6723, 0.5922,
0.3270

 51.5085, 0.3158,
0.3289

 11.7432, 0.6230,
0.3282

 61.2565, 0.3015,
0.3294

 11.3473, 0.6376,
0.3286

 72.2608, 0.2901,
0.3299

 84.5637, 0.2808,
0.3303

 90.0770, 0.2768,
0.3289

Harmonies

Analogous

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



24.1407, 0.3690, 0.2837



24.1407, 0.4170, 0.3266



24.1407, 0.4331, 0.3731

Triad

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



24.1407, 0.4170, 0.3266



24.1407, 0.3087, 0.4274



24.1407, 0.2175, 0.2401

Complementary

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



24.1407, 0.4170, 0.3266



45.3458, 0.2572, 0.3317

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.



24.1407, 0.2053, 0.2675



24.1407, 0.4170, 0.3266



24.1407, 0.2543, 0.3797

Square

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



24.1407, 0.4170, 0.3266



24.1407, 0.3671, 0.4383



24.1407, 0.2177, 0.3177



24.1407, 0.2529, 0.2357

Rectangle

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



24.1407, 0.4170, 0.3266



24.1407, 0.4235, 0.4022



24.1407, 0.2177, 0.3177



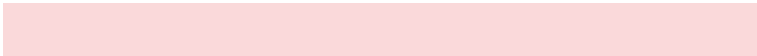
24.1407, 0.2107, 0.2466

Sweetspot

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



24.1419, 0.4170, 0.3266



75.2173, 0.3360, 0.3283



26.4257, 0.3145, 0.2263



15.4800, 0.3406, 0.3281



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1419, 0.4170, 0.3266



36.5189, 0.4521, 0.3262



34.2568, 0.3972, 0.3802



10.0818, 0.3285, 0.3285



7.5494, 0.6370, 0.3283



0.3276, 0.6258, 0.3221

Inverse Universe

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



24.1419, 0.4170, 0.3266



36.5189, 0.4521, 0.3262



30.8054, 0.2466, 0.2707



10.0818, 0.3285, 0.3285



7.5494, 0.6370, 0.3283



0.3276, 0.6258, 0.3221

Previews

White Background



This preview shows how the Yxy color 24.1407, 0.4170, 0.3266 looks on a white background.

Color Contrast Check

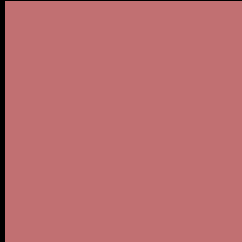
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1407, 0.4170, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

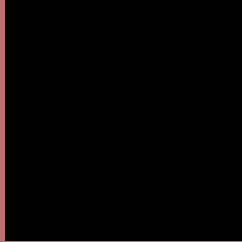
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1407, 0.4170, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 24.1407, 0.4170, 0.3266.



This preview shows how white text looks on a background with the Yxy color 24.1407, 0.4170, 0.3266.

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

24.1407, 0.4170, 0.3266

Protanopia

24.4098, 0.3280, 0.3444

Deuteranopia

24.2811, 0.3670, 0.3599



Tritanopia

24.0382, 0.4107, 0.3184

Trichromacy



Original Color

24.1407, 0.4170, 0.3266

Protanomaly

23.9548, 0.3575, 0.3371

Deuteranomaly

23.8818, 0.3853, 0.3461

Tritanomaly

23.9907, 0.4134, 0.3211

Monochromacy



Original Color

24.1407, 0.4170, 0.3266

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.9054, 0.3478, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1407, 0.4170, 0.3266 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(193, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(193, 112, 114)  
}
```

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(193, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 112, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.1407, 0.4170, 0.3266 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(193, 112, 114) }
```

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

```
.border{ border-color:rgb(193, 112, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 112, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(193, 112,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1407, 0.4170, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 112, 114) }
```

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

```
.background{ background-color: rgb(193,  
112, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor