

Converting Colors

$Y_{xy}(24.4895, 0.4172, 0.3174)$

Have a look what the booklet for
Yxy(24.4895, 0.4172, 0.3174)
contains.

Yxy(24.4895, 0.4172, 0.3174)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4895, 0.4172, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	C66E77
RGB	198, 110, 119
RGB Percent	78%, 43%, 47%
CMY	0.2236, 0.5686, 0.5334
CMYK	0.00, 0.44, 0.40, 0.22
HSL	354°, 44%, 60%
HSV	354°, 44%, 78%
XYZ	32.1897, 24.4895, 20.4774
YIQ	137.3380, 49.5590, 21.4550

Conversions

Conversions Part 2

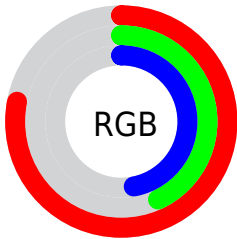
Format	Color
R _Y B	198, 110, 119
Decimal	13004407
CIE Lab	56.57, 35.70, 10.54
CIE LCh	57, 37.224, 16.451
Yxy	24.4895, 0.4172, 0.3174
Android (android.graphics.Color)	4291194487 (0xFFC66E77)
YUV	137.3380, -9.0406, 53.2006
Hunter-Lab	49.4869, 29.5069, 10.1070

Details

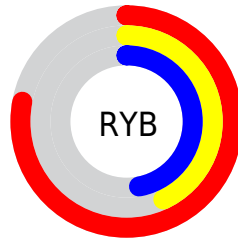
The Yxy color **24.4895, 0.4172, 0.3174** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.3705, 0.2584, 0.3418**, and the grayscale version is **25.1727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3947, 0.3927, 0.3208**, and **9.3494, 0.4560, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **20.2965, 0.4556, 0.3154**, and if you desaturate by 10%, it is **29.7193, 0.3848, 0.3199**.

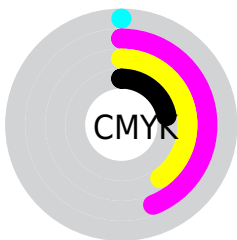
Distribution



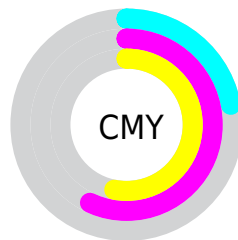
- Red (78%)
- Green (43%)
- Blue (47%)



- Red (78%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (22%)





- Cyan (22%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4895, 0.4172, 0.3174 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 24.4895, 0.4172, 0.3174 by changing the saturation by 10% instead.


 24.4895, 0.4172,
0.3174


 24.4895, 0.4172,
0.3174


275.2860, 0.3589,
0.3253


 15.6971, 0.4340,
0.3145


 50.8278, 0.3944,
0.3209


 9.3101, 0.4570,
0.3100


 69.1426, 0.3864,
0.3220

 4.9440, 0.4903,
0.3027

 91.4002, 0.3798,
0.3229

 2.2144, 0.5422,
0.2891

 117.9852, 0.3742,
0.3236

 0.7278, 0.6955,
0.2829

149.2818, 0.3695,
0.3242

 0.0000, 1.0000,
0.0000


185.6746, 0.3655,


 0.0000, 0.0000,

0.3246


0.0000

227.5478, 0.3620,
0.3250


 24.4895, 0.4172,
0.3174

 24.4895, 0.4172,
0.3174

 20.2965, 0.4556,
0.3154

 29.7193, 0.3848,
0.3199


 17.0677, 0.4988,
0.3144


 36.0447, 0.3581,
0.3227


 14.7273, 0.5438,
0.3150


 43.5244, 0.3366,
0.3254


 13.1864, 0.5851,
0.3175

 52.2119, 0.3193,
0.3279

 12.3373, 0.6165,
0.3217

 62.1574, 0.3053,
0.3303

 12.0543, 0.6289,
0.3238

 73.4083, 0.2941,
0.3325

 86.0094, 0.2849,
0.3344

 90.7431, 0.2794,
0.3289

Harmonies

Analogous

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



24.4895, 0.3614, 0.2738



24.4895, 0.4172, 0.3174



24.4895, 0.4411, 0.3664

Triad

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



24.4895, 0.4172, 0.3174



24.4895, 0.3191, 0.4401



24.4895, 0.2076, 0.2377

Complementary

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



24.4895, 0.4172, 0.3174



47.3705, 0.2584, 0.3418

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.



24.4895, 0.1992, 0.2709



24.4895, 0.4172, 0.3174



24.4895, 0.2594, 0.3946

Square

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



24.4895, 0.4172, 0.3174



24.4895, 0.3803, 0.4434



24.4895, 0.2167, 0.3280



24.4895, 0.2407, 0.2293

Rectangle

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



24.4895, 0.4172, 0.3174



24.4895, 0.4350, 0.3982



24.4895, 0.2167, 0.3280



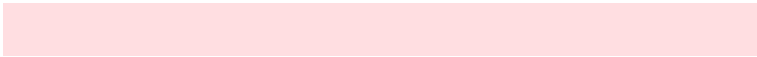
24.4895, 0.2020, 0.2459

Sweetspot

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



24.4907, 0.4172, 0.3174



78.8716, 0.3342, 0.3257



25.8881, 0.3067, 0.2179



16.1947, 0.3386, 0.3251



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.



24.4907, 0.4172, 0.3174



36.3676, 0.4530, 0.3155



32.9966, 0.4083, 0.3739



10.6542, 0.3274, 0.3267



7.8470, 0.6269, 0.3227



0.3777, 0.5881, 0.3014

Inverse Universe

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



24.4907, 0.4172, 0.3174



36.3676, 0.4530, 0.3155



34.0375, 0.2447, 0.2781



10.6542, 0.3274, 0.3267



7.8470, 0.6269, 0.3227



0.3777, 0.5881, 0.3014

Previews

White Background



This preview shows how the Yxy color 24.4895, 0.4172, 0.3174 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 24.4895, 0.4172, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

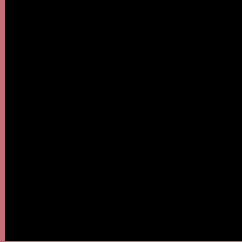
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4895, 0.4172, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 24.4895, 0.4172, 0.3174.



This preview shows how white text looks on a background with the Yxy color 24.4895, 0.4172, 0.3174.

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

24.4895, 0.4172, 0.3174

Protanopia

24.7907, 0.3192, 0.3341

Deuteranopia

24.6385, 0.3619, 0.3550



Tritanopia

24.4656, 0.4186, 0.3187

Trichromacy



Original Color

24.4895, 0.4172, 0.3174

Protanomaly

24.2108, 0.3515, 0.3275

Deuteranomaly

24.1975, 0.3827, 0.3398

Tritanomaly

24.4656, 0.4186, 0.3187

Monochromacy



Original Color

24.4895, 0.4172, 0.3174

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.1614, 0.3479, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4895, 0.4172, 0.3174 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(198, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(198, 110, 119)  
}
```

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(198, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 110, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.4895, 0.4172, 0.3174 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(198, 110, 119) }
```

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

```
.border{ border-color:rgb(198, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(198, 110,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4895, 0.4172, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 110, 119) }
```

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

```
.background{ background-color: rgb(198,  
110, 119) }
```

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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