

Converting Colors

$Yxy(24.5223, 0.4248, 0.3113)$

Have a look what the booklet for
Yxy(24.5223, 0.4248, 0.3113)
contains.

Yxy(24.5015, 0.4251, 0.3114)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5015, 0.4251, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	CC6A78
RGB	204, 106, 120
RGB Percent	80%, 42%, 47%
CMY	0.2000, 0.5843, 0.5294
CMYK	0.00, 0.48, 0.41, 0.20
HSL	351°, 49%, 61%
HSV	351°, 48%, 80%
XYZ	33.4476, 24.5015, 20.7326
YIQ	136.8980, 53.9140, 25.1300

Conversions

Conversions Part 2

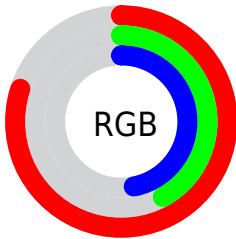
Format	Color
R_{YB}	204, 106, 120
Decimal	13396600
CIE _{Lab}	56.59, 40.13, 10.09
CIE _{LCh}	57, 41.379, 14.111
Yxy	24.5015, 0.4251, 0.3114
Android (android.graphics.Color)	4291586680 (0xFFCC6A78)
YUV	136.8980, -8.3307, 58.8485
Hunter-Lab	49.4990, 33.9934, 9.8157

Details

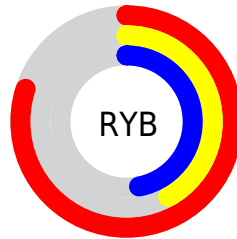
The Yxy color **24.5015, 0.4251, 0.3114** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.9732, 0.2572, 0.3489**, and the grayscale version is **24.9928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0348, 0.3931, 0.3156**, and **9.3112, 0.4661, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **20.3998, 0.4637, 0.3089**, and if you desaturate by 10%, it is **29.6833, 0.3921, 0.3148**.

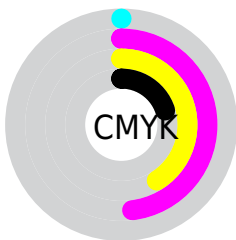
Distribution



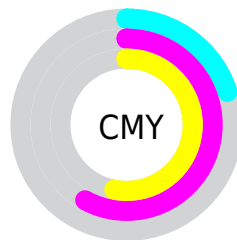
- Red (80%)
- Green (42%)
- Blue (47%)



- Red (80%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (48%)
- Yellow (41%)
- Black (20%)





- Cyan (20%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5015, 0.4251, 0.3114 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 24.5015, 0.4251, 0.3114 by changing the saturation by 10% instead.


 24.5015, 0.4251,
0.3114


 24.5015, 0.4251,
0.3114


275.3462, 0.3625,
0.3227


 15.7060, 0.4431,
0.3075


 50.8473, 0.4007,
0.3162

 9.3164, 0.4677,
0.3017


 69.1665, 0.3920,
0.3178

 4.9481, 0.5031,
0.2925

 91.4291, 0.3849,
0.3191

 2.2169, 0.5578,
0.2761

 118.0194, 0.3790,
0.3201

 0.7292, 0.7073,
0.2610

149.3219, 0.3739,
0.3209

 0.0000, 1.0000,
0.0000

185.7209, 0.3696,

 0.0000, 0.0000,

0.3216

0.0000

227.6009, 0.3658,
0.3222

■ 24.5015, 0.4251,
0.3114

■ 24.5015, 0.4251,
0.3114

■ 20.3998, 0.4637,
0.3089

■ 29.6833, 0.3921,
0.3148

■ 17.2983, 0.5063,
0.3079

■ 36.0103, 0.3648,
0.3187

■ 15.1117, 0.5497,
0.3092


■ 43.5469, 0.3425,
0.3225

■ 13.7391, 0.5885,
0.3132


■ 52.3517, 0.3246,
0.3262

■ 13.0328, 0.6174,
0.3191

■ 62.4794, 0.3101,
0.3297

 12.9281, 0.6220,
0.3200

 73.9814, 0.2984,
0.3328

 86.9066, 0.2890,
0.3357

 91.5788, 0.2827,
0.3289

Harmonies

Analogous

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



24.5015, 0.3608, 0.2650



24.5015, 0.4251, 0.3114



24.5015, 0.4546, 0.3644

Triad

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



24.5015, 0.4251, 0.3114



24.5015, 0.3242, 0.4557



24.5015, 0.1959, 0.2302

Complementary

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



24.5015, 0.4251, 0.3114



49.9732, 0.2572, 0.3489

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.



24.5015, 0.1888, 0.2680



24.5015, 0.4251, 0.3114



24.5015, 0.2578, 0.4080

Square

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



24.5015, 0.4251, 0.3114



24.5015, 0.3911, 0.4540



24.5015, 0.2096, 0.3329



24.5015, 0.2296, 0.2196

Rectangle

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



24.5015, 0.4251, 0.3114



24.5015, 0.4495, 0.3996



24.5015, 0.2096, 0.3329



24.5015, 0.1905, 0.2396

Sweetspot

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



24.5028, 0.4251, 0.3114



77.4831, 0.3351, 0.3240



25.5265, 0.3024, 0.2080



15.9249, 0.3393, 0.3231



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.



24.5028, 0.4251, 0.3114



33.3604, 0.4666, 0.3087



32.7244, 0.4213, 0.3733



11.2393, 0.3268, 0.3257



8.1445, 0.6195, 0.3186



0.4288, 0.5733, 0.2932

Inverse Universe

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



24.5028, 0.4251, 0.3114



33.3604, 0.4666, 0.3087



36.0638, 0.2403, 0.2781



11.2393, 0.3268, 0.3257



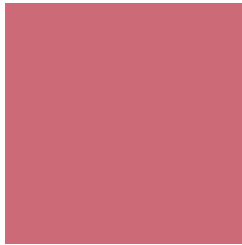
8.1445, 0.6195, 0.3186



0.4288, 0.5733, 0.2932

Previews

White Background



This preview shows how the Yxy color 24.5015, 0.4251, 0.3114 looks on a white background.

Color Contrast Check

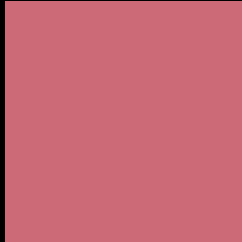
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5015, 0.4251, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

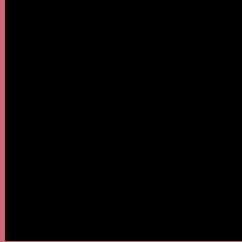
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5015, 0.4251, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 24.5015, 0.4251, 0.3114.



This preview shows how white text looks on a background with the Yxy color 24.5015, 0.4251, 0.3114.

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

24.5015, 0.4251, 0.3114

Protanopia

24.8749, 0.3161, 0.3290

Deuteranopia

24.6617, 0.3607, 0.3534



Tritanopia

24.5906, 0.4315, 0.3191

Trichromacy



Original Color

24.5015, 0.4251, 0.3114

Protanomaly

24.0655, 0.3534, 0.3213

Deuteranomaly

24.2021, 0.3844, 0.3367

Tritanomaly

24.6371, 0.4287, 0.3165

Monochromacy



Original Color

24.5015, 0.4251, 0.3114

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.1375, 0.3494, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5015, 0.4251, 0.3114 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(204, 106, 120)` looks like.

```
.text, #text, p{  
    color:rgb(204, 106, 120)  
}
```

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(204, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 106, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.5015, 0.4251, 0.3114 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(204, 106, 120) }
```

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

```
.border{ border-color:rgb(204, 106, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(204, 106,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5015, 0.4251, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 106, 120) }
```

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

```
.background{ background-color: rgb(204,  
106, 120) }
```

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