

Converting Colors

$Y_{xy}(24.1718, 0.4390, 0.3169)$

Have a look what the booklet for
Yxy(24.1718, 0.4390, 0.3169)
contains.

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Color

Yxy(24.1581, 0.4402, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	CF6771
RGB	207, 103, 113
RGB Percent	81%, 40%, 44%
CMY	0.1883, 0.5960, 0.5569
CMYK	0.00, 0.50, 0.45, 0.19
HSL	354°, 52%, 61%
HSV	354°, 50%, 81%
XYZ	33.5576, 24.1581, 18.5169
YIQ	135.2360, 58.7740, 25.1580

Conversions

Conversions Part 2

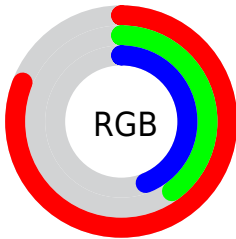
Format	Color
R_{YB}	207, 103, 113
Decimal	13592433
CIE _{Lab}	56.25, 41.99, 13.75
CIE _{LCh}	56, 44.181, 18.139
Yxy	24.1581, 0.4402, 0.3169
Android (android.graphics.Color)	4291782513 (0xFFCF6771)
YUV	135.2360, -10.9623, 62.9370
Hunter-Lab	49.1509, 35.8561, 12.0690

Details

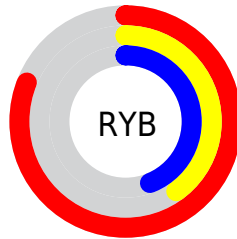
The Yxy color **24.1581, 0.4402, 0.3169** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51.5292, 0.2527, 0.3429**, and the grayscale version is **24.3480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7535, 0.4013, 0.3198**, and **9.1389, 0.4898, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **20.1591, 0.4821, 0.3156**, and if you desaturate by 10%, it is **29.2655, 0.4038, 0.3190**.

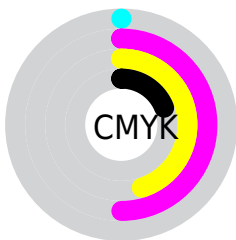
Distribution



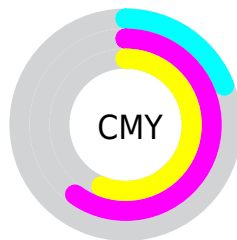
- Red (81%)
- Green (40%)
- Blue (44%)



- Red (81%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (45%)
- Black (19%)





- Cyan (19%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1581, 0.4402, 0.3169 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 24.1581, 0.4402, 0.3169 by changing the saturation by 10% instead.


 24.1581, 0.4402,
0.3169

 24.1581, 0.4402,
0.3169


273.6188, 0.3690,
0.3259


 15.4509, 0.4606,
0.3133


 50.2881, 0.4124,
0.3211

 9.1365, 0.4885,
0.3077


 68.4797, 0.4026,
0.3224

 4.8303, 0.5283,
0.2983

 90.6016, 0.3945,
0.3233

 2.1480, 0.5890,
0.2807

 117.0381, 0.3877,
0.3241

 0.6914, 0.7424,
0.2576

148.1737, 0.3820,
0.3247

 0.0000, 1.0000,
0.0000


184.3928, 0.3770,


 0.0000, 0.0000,


0.3252

0.0000


226.0797, 0.3727,
0.3256


 24.1581, 0.4402,
0.3169


 24.1581, 0.4402,
0.3169


 20.1591, 0.4821,
0.3156


 29.2655, 0.4038,
0.3190


 17.1827, 0.5273,
0.3155


 35.5512, 0.3735,
0.3215

 15.1369, 0.5710,
0.3172

 43.0838, 0.3489,
0.3241

 13.9112, 0.6069,
0.3206

 51.9255, 0.3290,
0.3266

 13.3116, 0.6301,
0.3245

 62.1344, 0.3130,
0.3290

■ 73.7652, 0.3002,
0.3311

■ 86.8694, 0.2898,
0.3331

■ 92.0016, 0.2843,
0.3289

Harmonies

Analogous

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



24.1581, 0.3745, 0.2668



24.1581, 0.4402, 0.3169



24.1581, 0.4651, 0.3730

Triad

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



24.1581, 0.4402, 0.3169



24.1581, 0.3142, 0.4621



24.1581, 0.1919, 0.2207

Complementary

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



24.1581, 0.4402, 0.3169



51.5292, 0.2527, 0.3429

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.



24.1581, 0.1806, 0.2561



24.1581, 0.4402, 0.3169



24.1581, 0.2453, 0.4041

Square

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



24.1581, 0.4402, 0.3169



24.1581, 0.3865, 0.4657



24.1581, 0.1982, 0.3219



24.1581, 0.2310, 0.2135

Rectangle

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



24.1581, 0.4402, 0.3169



24.1581, 0.4550, 0.4102



24.1581, 0.1982, 0.3219



24.1581, 0.1850, 0.2291

Sweetspot

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



24.1594, 0.4402, 0.3169



75.9465, 0.3383, 0.3254



26.0227, 0.3072, 0.2049



15.6186, 0.3426, 0.3248



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.



24.1594, 0.4402, 0.3169



32.0396, 0.4843, 0.3155



34.3715, 0.4246, 0.3816



11.8264, 0.3276, 0.3268



8.3957, 0.6282, 0.3234



0.4759, 0.5951, 0.3052

Inverse Universe

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



24.1594, 0.4402, 0.3169



32.0396, 0.4843, 0.3155



34.4415, 0.2357, 0.2672



11.8264, 0.3276, 0.3268



8.3957, 0.6282, 0.3234



0.4759, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 24.1581, 0.4402, 0.3169 looks on a white background.

Color Contrast Check

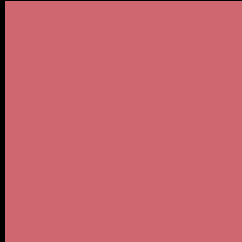
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1581, 0.4402, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

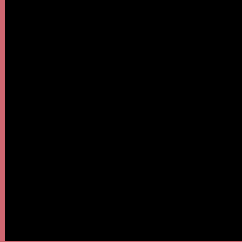
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1581, 0.4402, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 24.1581, 0.4402, 0.3169.



This preview shows how white text looks on a background with the Yxy color 24.1581, 0.4402, 0.3169.

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

24.1581, 0.4402, 0.3169

Protanopia

24.4019, 0.3236, 0.3393

Deuteranopia

24.3171, 0.3718, 0.3647



Tritanopia

24.1136, 0.4431, 0.3194

Trichromacy



Original Color

24.1581, 0.4402, 0.3169

Protanomaly

23.4885, 0.3639, 0.3292

Deuteranomaly

23.7888, 0.3969, 0.3442

Tritanomaly

24.1357, 0.4417, 0.3181

Monochromacy



Original Color

24.1581, 0.4402, 0.3169

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.2753, 0.3552, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1581, 0.4402, 0.3169 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(207, 103, 113)` looks like.

```
.text, #text, p{  
    color:rgb(207, 103, 113)  
}
```

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(207, 103, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 103, 113) }
```

Border

The CSS property to change the border of an element to Yxy 24.1581, 0.4402, 0.3169 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(207, 103, 113) }
```

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

```
.border{ border-color:rgb(207, 103, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 103, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 103, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 103, 113);  
box-shadow:4px 4px 4px 4px rgb(207, 103,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1581, 0.4402, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 103, 113) }
```

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

```
.background{ background-color: rgb(207,  
103, 113) }
```

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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