

Converting Colors

$Y_{xy}(24.5728, 0.4289, 0.3174)$

Have a look what the booklet for
Yxy(24.5728, 0.4289, 0.3174)
contains.

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Color

Yxy(24.4729, 0.4290, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	CB6B74
RGB	203, 107, 116
RGB Percent	80%, 42%, 45%
CMY	0.2040, 0.5803, 0.5452
CMYK	0.00, 0.47, 0.43, 0.20
HSL	354°, 48%, 61%
HSV	354°, 47%, 80%
XYZ	33.0361, 24.4729, 19.4982
YIQ	136.7300, 54.3270, 23.1510

Conversions

Conversions Part 2

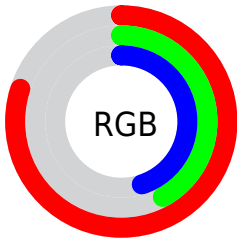
Format	Color
R_{YB}	203, 107, 116
Decimal	13331316
CIE _{Lab}	56.56, 38.80, 12.37
CIE _{LCh}	57, 40.723, 17.683
Yxy	24.4729, 0.4290, 0.3178
Android (android.graphics.Color)	4291521396 (0xFFCB6B74)
YUV	136.7300, -10.2199, 58.1188
Hunter-Lab	49.4701, 32.6296, 11.2604

Details

The Yxy color **24.4729, 0.4290, 0.3178** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.7314, 0.2552, 0.3416**, and the grayscale version is **24.9338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2288, 0.3967, 0.3208**, and **9.2654, 0.4725, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **20.3395, 0.4695, 0.3162**, and if you desaturate by 10%, it is **29.6871, 0.3944, 0.3200**.

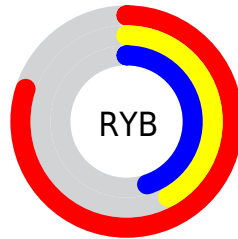
Distribution



Red (80%)

Green (42%)

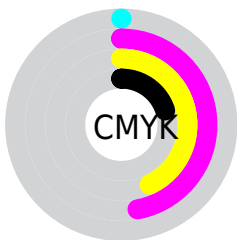
Blue (45%)



Red (80%)

Yellow (42%)

Blue (45%)

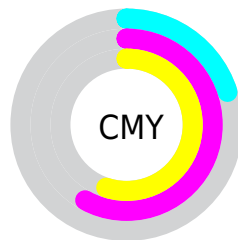


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (20%)



Cyan (20%)


Magenta (58%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4729, 0.4290, 0.3178 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 24.4729, 0.4290, 0.3178 by changing the saturation by 10% instead.


 24.4729, 0.4290,
0.3178

 24.4729, 0.4290,
0.3178

275.2027, 0.3641,
0.3259


 15.6848, 0.4476,
0.3146


 50.8008, 0.4037,
0.3215


 9.3014, 0.4731,
0.3098


 69.1094, 0.3947,
0.3227

 4.9383, 0.5097,
0.3016

 91.3603, 0.3873,
0.3235

 2.2111, 0.5660,
0.2863

 117.9378, 0.3812,
0.3242

 0.7260, 0.7250,
0.2750

149.2264, 0.3760,
0.3248

 0.0000, 1.0000,
0.0000

185.6105, 0.3715,

 0.0000, 0.0000,

0.3252

0.0000

227.4745, 0.3676,
0.3256

■ 24.4729, 0.4290,
0.3178

■ 24.4729, 0.4290,
0.3178

■ 20.3395, 0.4695,
0.3162

■ 29.6871, 0.3944,
0.3200

■ 17.2076, 0.5141,
0.3157

■ 36.0466, 0.3658,
0.3225

■ 14.9929, 0.5588,
0.3168

■ 43.6155, 0.3426,
0.3250


■ 13.5959, 0.5977,
0.3197

■ 52.4519, 0.3239,
0.3274


■ 12.8810, 0.6249,
0.3239

■ 62.6102, 0.3090,
0.3296

 12.7423, 0.6303,
0.3246

 74.1415, 0.2969,
0.3316

 87.0945, 0.2871,
0.3335

 91.4355, 0.2822,
0.3289

Harmonies

Analogous

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



24.4729, 0.3686, 0.2708



24.4729, 0.4290, 0.3178



24.4729, 0.4530, 0.3704

Triad

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



24.4729, 0.4290, 0.3178



24.4729, 0.3160, 0.4505



24.4729, 0.2000, 0.2290

Complementary

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



24.4729, 0.4290, 0.3178



49.7314, 0.2552, 0.3416

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.



24.4729, 0.1899, 0.2631



24.4729, 0.4290, 0.3178



24.4729, 0.2518, 0.3985

Square

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



24.4729, 0.4290, 0.3178



24.4729, 0.3828, 0.4546



24.4729, 0.2072, 0.3243



24.4729, 0.2364, 0.2214

Rectangle

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



24.4729, 0.4290, 0.3178



24.4729, 0.4447, 0.4048



24.4729, 0.2072, 0.3243



24.4729, 0.1937, 0.2373

Sweetspot

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



24.4742, 0.4290, 0.3178



77.3877, 0.3364, 0.3257



26.2191, 0.3078, 0.2116



15.9020, 0.3407, 0.3252



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.



24.4742, 0.4290, 0.3178



33.7721, 0.4715, 0.3162



34.1322, 0.4157, 0.3787



11.2304, 0.3276, 0.3269



8.1159, 0.6284, 0.3235



0.4247, 0.5942, 0.3047

Inverse Universe

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



24.4742, 0.4290, 0.3178



33.7721, 0.4715, 0.3162



34.2047, 0.2400, 0.2716



11.2304, 0.3276, 0.3269



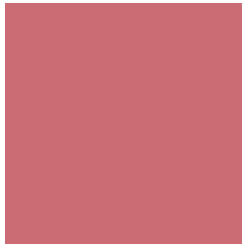
8.1159, 0.6284, 0.3235



0.4247, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 24.4729, 0.4290, 0.3178 looks on a white background.

Color Contrast Check

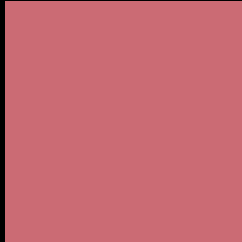
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4729, 0.4290, 0.3178 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 24.4729, 0.4290, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 24.4729, 0.4290, 0.3178.



This preview shows how white text looks on a background with the Yxy color 24.4729, 0.4290, 0.3178.

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

24.4729, 0.4290, 0.3178

Protanopia

24.8225, 0.3224, 0.3375

Deuteranopia

24.6716, 0.3666, 0.3598



Tritanopia

24.4497, 0.4304, 0.3191

Trichromacy



Original Color

24.4729, 0.4290, 0.3178

Protanomaly

23.9601, 0.3582, 0.3276

Deuteranomaly

24.1100, 0.3895, 0.3428

Tritanomaly

24.4497, 0.4304, 0.3191

Monochromacy



Original Color

24.4729, 0.4290, 0.3178

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0838, 0.3518, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4729, 0.4290, 0.3178 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(203, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(203, 107, 116)  
}
```

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(203, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 107, 116) }
```

Border

The CSS property to change the border of an element to Yxy 24.4729, 0.4290, 0.3178 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(203, 107, 116) }
```

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

```
.border{ border-color:rgb(203, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(203, 107,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4729, 0.4290, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 107, 116) }
```

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

```
.background{ background-color: rgb(203,  
107, 116) }
```

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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