

Converting Colors

Yxy(24.2023, 0.4362, 0.3143)

Have a look what the booklet for
Yxy(24.2023, 0.4362, 0.3143)
contains.

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Color

Yxy(24.2037, 0.4374, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	CF6773
RGB	207, 103, 115
RGB Percent	81%, 40%, 45%
CMY	0.1881, 0.5961, 0.5490
CMYK	0.00, 0.50, 0.44, 0.19
HSL	353°, 52%, 61%
HSV	353°, 50%, 81%
XYZ	33.6834, 24.2037, 19.1212
YIQ	135.4640, 58.1320, 25.7800

Conversions

Conversions Part 2

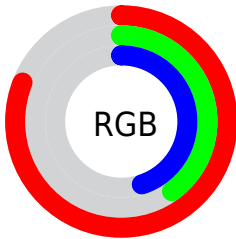
Format	Color
RYB	207, 103, 115
Decimal	13592435
CIELab	56.29, 42.23, 12.64
CIELCh	56, 44.082, 16.664
Yxy	24.2037, 0.4374, 0.3143
Android (android.graphics.Color)	4291782515 (0xFFCF6773)
YUV	135.4640, -10.0888, 62.7371
Hunter-Lab	49.1973, 36.1167, 11.3942

Details

The Yxy color **24.2037, 0.4374, 0.3143** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51.4615, 0.2538, 0.3459**, and the grayscale version is **24.4319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1640, 0.3988, 0.3187**, and **9.1625, 0.4854, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **20.2042, 0.4784, 0.3126**, and if you desaturate by 10%, it is **29.3088, 0.4019, 0.3169**.

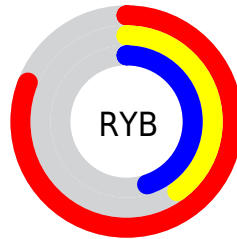
Distribution



Red (81%)

Green (40%)

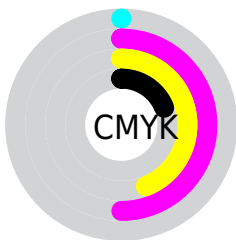
Blue (45%)



Red (81%)

Yellow (40%)

Blue (45%)

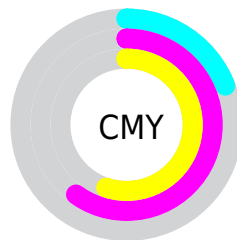


Cyan (0%)

Magenta (50%)

Yellow (44%)

Black (19%)



Cyan (19%)


Magenta (60%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2037, 0.4374, 0.3143 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 24.2037, 0.4374, 0.3143 by changing the saturation by 10% instead.


 24.2037, 0.4374,
0.3143


 24.2037, 0.4374,
0.3143


273.8487, 0.3678,
0.3246


 15.4848, 0.4574,
0.3105


 50.3624, 0.4102,
0.3189


 9.1603, 0.4846,
0.3046


 68.5710, 0.4006,
0.3203

 4.8459, 0.5237,
0.2949

 90.7116, 0.3927,
0.3215

 2.1571, 0.5834,
0.2772

 117.1686, 0.3861,
0.3224

 0.6965, 0.7429,
0.2571

148.3264, 0.3805,
0.3231

 0.0000, 1.0000,
0.0000

184.5695, 0.3756,

 0.0000, 0.0000,

0.3237

0.0000

226.2821, 0.3715,
0.3241

■ 24.2037, 0.4374,
0.3143

■ 24.2037, 0.4374,
0.3143

■ 20.2042, 0.4784,
0.3126

■ 29.3088, 0.4019,
0.3169

■ 17.2248, 0.5228,
0.3124

■ 35.5892, 0.3723,
0.3199

■ 15.1739, 0.5662,
0.3142

■ 43.1132, 0.3482,
0.3231

■ 13.9414, 0.6027,
0.3182

■ 51.9427, 0.3287,
0.3261

■ 13.3351, 0.6271,
0.3228

■ 62.1357, 0.3131,
0.3289

■ 73.7465, 0.3005,
0.3315

■ 86.8266, 0.2903,
0.3339

■ 92.0094, 0.2844,
0.3289

Harmonies

Analogous

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



24.2037, 0.3705, 0.2648



24.2037, 0.4374, 0.3143



24.2037, 0.4646, 0.3702

Triad

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



24.2037, 0.4374, 0.3143



24.2037, 0.3178, 0.4632



24.2037, 0.1910, 0.2220

Complementary

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



24.2037, 0.4374, 0.3143



51.4615, 0.2538, 0.3459

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.



24.2037, 0.1811, 0.2588



24.2037, 0.4374, 0.3143



24.2037, 0.2485, 0.4077

Square

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



24.2037, 0.4374, 0.3143



24.2037, 0.3897, 0.4642



24.2037, 0.2001, 0.3259



24.2037, 0.2286, 0.2135

Rectangle

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



24.2037, 0.4374, 0.3143



24.2037, 0.4560, 0.4074



24.2037, 0.2001, 0.3259



24.2037, 0.1846, 0.2309

Sweetspot

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



24.2050, 0.4374, 0.3143



75.9867, 0.3378, 0.3246



25.7911, 0.3054, 0.2041



15.6281, 0.3420, 0.3240



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.



24.2050, 0.4374, 0.3143



32.1114, 0.4805, 0.3125



33.8535, 0.4259, 0.3795



11.8302, 0.3273, 0.3263



8.4064, 0.6249, 0.3216



0.4777, 0.5869, 0.3007

Inverse Universe

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



24.2050, 0.4374, 0.3143



32.1114, 0.4805, 0.3125



35.0793, 0.2362, 0.2699



11.8302, 0.3273, 0.3263



8.4064, 0.6249, 0.3216



0.4777, 0.5869, 0.3007

Previews

White Background



This preview shows how the Yxy color 24.2037, 0.4374, 0.3143 looks on a white background.

Color Contrast Check

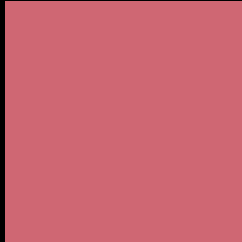
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2037, 0.4374, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

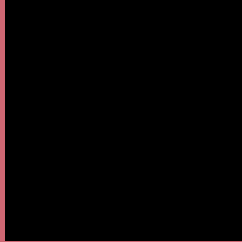
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2037, 0.4374, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 24.2037, 0.4374, 0.3143.



This preview shows how white text looks on a background with the Yxy color 24.2037, 0.4374, 0.3143.

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

24.2037, 0.4374, 0.3143

Protanopia

24.4829, 0.3204, 0.3341

Deuteranopia

24.2592, 0.3682, 0.3616



Tritanopia

24.3137, 0.4425, 0.3206

Trichromacy



Original Color

24.2037, 0.4374, 0.3143

Protanomaly

23.5648, 0.3602, 0.3244

Deuteranomaly

23.7168, 0.3931, 0.3412

Tritanomaly

24.3359, 0.4410, 0.3194

Monochromacy



Original Color

24.2037, 0.4374, 0.3143

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.3015, 0.3539, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2037, 0.4374, 0.3143 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(207, 103, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 103, 115) }
```

Border

The CSS property to change the border of an element to Yxy 24.2037, 0.4374, 0.3143 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, 115) }
```

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

```
.border{ border-color:rgb(207, 103, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(207, 103,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2037, 0.4374, 0.3143 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, 115) }
```

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

```
.background{ background-color: rgb(207,  
103, 115) }
```

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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