

Converting Colors

$Y_{xy}(19.3980, 0.4732, 0.2997)$

Have a look what the booklet for
Yxy(19.3980, 0.4732, 0.2997)
contains.

Yxy(19.3936, 0.4740, 0.2993)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.3936, 0.4740, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	CF4C66
RGB	207, 76, 102
RGB Percent	81%, 30%, 40%
CMY	0.1882, 0.7019, 0.6001
CMYK	0.00, 0.63, 0.51, 0.19
HSL	348°, 58%, 55%
HSV	348°, 63%, 81%
XYZ	30.7136, 19.3936, 14.6894
YIQ	118.1330, 69.7300, 35.8580

Conversions

Conversions Part 2

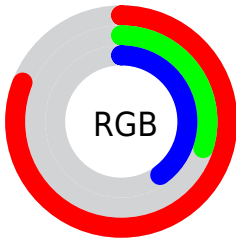
Format	Color
R_{YB}	207, 76, 102
Decimal	13585510
CIE _{Lab}	51.14, 53.69, 13.19
CIE _{LCh}	51, 55.291, 13.802
Yxy	19.3936, 0.4740, 0.2993
Android (android.graphics.Color)	4291775590 (0xFFCF4C66)
YUV	118.1330, -7.9536, 77.9364
Hunter-Lab	44.0382, 47.4245, 11.0499

Details

The Yxy color **19.3936, 0.4740, 0.2993** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **49.4990, 0.2498, 0.3676**, and the grayscale version is **18.1708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7925, 0.4245, 0.3065**, and **6.6839, 0.5378, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **16.6893, 0.5152, 0.2989**, and if you desaturate by 10%, it is **23.0832, 0.4357, 0.3022**.

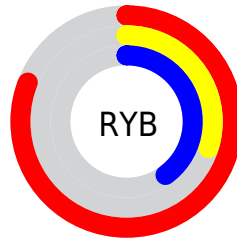
Distribution



Red (81%)

Green (30%)

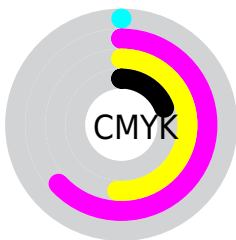
Blue (40%)



Red (81%)

Yellow (30%)

Blue (40%)

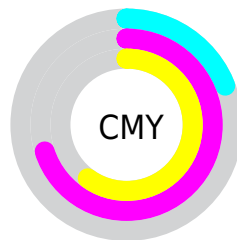


Cyan (0%)

Magenta (63%)

Yellow (51%)

Black (19%)



Cyan (19%)


Magenta (70%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3936, 0.4740, 0.2993 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 19.3936, 0.4740, 0.2993 by changing the saturation by 10% instead.


 19.3936, 0.4740,
0.2993


 19.3936, 0.4740,
0.2993


248.6131, 0.3815,
0.3193


 11.9550, 0.5015,
0.2920


 42.3981, 0.4372,
0.3081


 6.7131, 0.5394,
0.2808


 58.7329, 0.4244,
0.3109


 3.2833, 0.5943,
0.2626

 78.8018, 0.4139,
0.3131

 1.2814, 0.6896,
0.2336

 102.9894, 0.4052,
0.3148

 0.1267, 0.9257,
0.0743

 131.6799, 0.3979,
0.3163

 0.0000, 1.0000,
0.0000

165.2577, 0.3916,

 0.0000, 0.0000,

0.3174

0.0000

204.1073, 0.3862,
0.3184

■ 19.3936, 0.4740,
0.2993

■ 19.3936, 0.4740,
0.2993

■ 16.6893, 0.5152,
0.2989

■ 23.0832, 0.4357,
0.3022

■ 14.8715, 0.5557,
0.3018

■ 27.8382, 0.4023,
0.3066

■ 13.8265, 0.5907,
0.3081

■ 33.7337, 0.3742,
0.3118

■ 13.4254, 0.6095,
0.3131

■ 40.8376, 0.3510,
0.3172

■ 49.2121, 0.3322,
0.3224

■ 58.9151, 0.3170,
0.3274

■ 70.0013, 0.3047,
0.3321

■ 82.5219, 0.2948,
0.3363

■ 91.7719, 0.2863,
0.3327

Harmonies

Analogous

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



19.3936, 0.3787, 0.2404



19.3936, 0.4740, 0.2993



19.3936, 0.5135, 0.3667

Triad

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



19.3936, 0.4740, 0.2993



19.3936, 0.3222, 0.5188



19.3936, 0.1555, 0.1928

Complementary

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



19.3936, 0.4740, 0.2993



49.4990, 0.2498, 0.3676

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.



19.3936, 0.1459, 0.2396



19.3936, 0.4740, 0.2993



19.3936, 0.2324, 0.4491

Square

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



19.3936, 0.4740, 0.2993



19.3936, 0.4144, 0.5015



19.3936, 0.1701, 0.3313



19.3936, 0.1975, 0.1818

Rectangle

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



19.3936, 0.4740, 0.2993



19.3936, 0.5018, 0.4141



19.3936, 0.1701, 0.3313



19.3936, 0.1488, 0.2039

Sweetspot

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



19.3947, 0.4740, 0.2993



70.6338, 0.3429, 0.3193



19.4753, 0.2898, 0.1718



14.3179, 0.3487, 0.3178



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.



19.3947, 0.4740, 0.2993



25.5316, 0.5303, 0.2995



26.1190, 0.4781, 0.3761



11.8460, 0.3260, 0.3244



8.4696, 0.6065, 0.3115



0.4850, 0.5555, 0.2834

Inverse Universe

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



19.3947, 0.4740, 0.2993



25.5316, 0.5303, 0.2995



33.9374, 0.2233, 0.2689



11.8460, 0.3260, 0.3244



8.4696, 0.6065, 0.3115



0.4850, 0.5555, 0.2834

Previews

White Background



This preview shows how the Yxy color 19.3936, 0.4740, 0.2993 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 19.3936, 0.4740, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

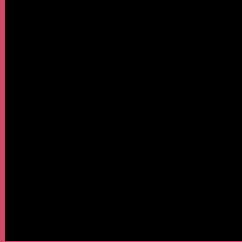
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3936, 0.4740, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 19.3936, 0.4740, 0.2993.



This preview shows how white text looks on a background with the Yxy color 19.3936, 0.4740, 0.2993.

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

19.3936, 0.4740, 0.2993

Protanopia

19.7105, 0.3106, 0.3216

Deuteranopia

19.4067, 0.3738, 0.3663



Tritanopia

19.3539, 0.4995, 0.3239

Trichromacy



Original Color

19.3936, 0.4740, 0.2993

Protanomaly

18.2575, 0.3655, 0.3091

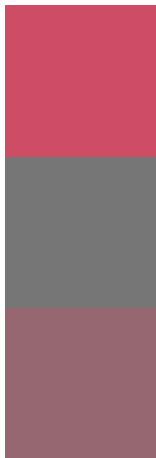
Deuteranomaly

18.4916, 0.4116, 0.3356

Tritanomaly

19.3259, 0.4894, 0.3146

Monochromacy



Original Color

19.3936, 0.4740, 0.2993

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3544, 0.3680, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3936, 0.4740, 0.2993 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, 76, 102)` looks like.

```
.text, #text, p{  
    color:rgb(207, 76, 102)  
}
```

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, 76, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 76, 102) }
```

Border

The CSS property to change the border of an element to Yxy 19.3936, 0.4740, 0.2993 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, 76, 102) }
```

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

```
.border{ border-color:rgb(207, 76, 102) }
```

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

Here you see how a box with a 4 pixel rgb(207, 76, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 76, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 76, 102);  
box-shadow:4px 4px 4px 4px rgb(207, 76,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3936, 0.4740, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 76, 102) }
```

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

```
.background{ background-color: rgb(207, 76,  
102) }
```

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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