

Converting Colors

$Y_{xy}(19.6747, 0.4752, 0.3272)$

Have a look what the booklet for
Yxy(19.6747, 0.4752, 0.3272)
contains.

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Color

Yxy(19.7234, 0.4745, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	C6585A
RGB	198, 88, 90
RGB Percent	78%, 35%, 35%
CMY	0.2236, 0.6548, 0.6470
CMYK	0.00, 0.56, 0.55, 0.22
HSL	359°, 49%, 56%
HSV	359°, 56%, 78%
XYZ	28.6200, 19.7234, 11.9728
YIQ	121.1180, 64.9180, 23.9420

Conversions

Conversions Part 2

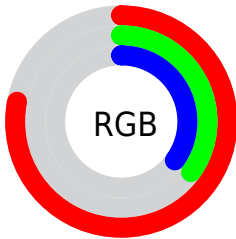
Format	Color
R _Y B	198, 88, 90
Decimal	12998746
CIE Lab	51.52, 44.08, 20.60
CIE LCh	52, 48.660, 25.049
Yxy	19.7234, 0.4745, 0.3270
Android (android.graphics.Color)	4291188826 (0xFFC6585A)
YUV	121.1180, -15.3412, 67.4255
Hunter-Lab	44.4110, 37.3124, 15.1037

Details

The Yxy color **19.7234, 0.4745, 0.3270** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **46.4397, 0.2441, 0.3317**, and the grayscale version is **19.1978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2032, 0.4345, 0.3304**, and **6.8729, 0.5401, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **16.6138, 0.5214, 0.3270**, and if you desaturate by 10%, it is **23.8041, 0.4318, 0.3272**.

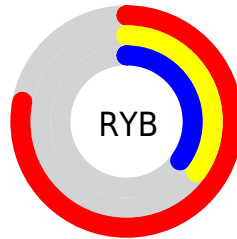
Distribution



Red (78%)

Green (35%)

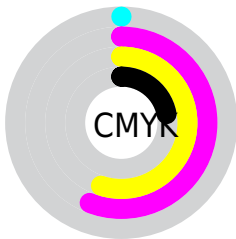
Blue (35%)



Red (78%)

Yellow (35%)

Blue (35%)

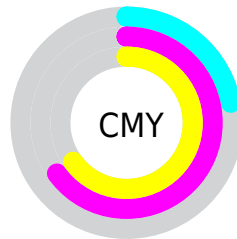


Cyan (0%)

Magenta (56%)

Yellow (55%)

Black (22%)



Cyan (22%)


Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7234, 0.4745, 0.3270 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 19.7234, 0.4745, 0.3270 by changing the saturation by 10% instead.


 19.7234, 0.4745,
0.3270


 19.7234, 0.4745,
0.3270


250.4138, 0.3817,
0.3325


 12.1941, 0.5018,
0.3232


 42.9530, 0.4377,
0.3306


 6.8760, 0.5394,
0.3162


 59.4220, 0.4248,
0.3314

 3.3847, 0.5929,
0.3027

 79.6399, 0.4143,
0.3319

 1.3357, 0.7104,
0.2896

 103.9908, 0.4056,
0.3322

 0.1686, 0.8853,
0.1147

 132.8593, 0.3982,
0.3324

 0.0000, 1.0000,
0.0000

166.6297, 0.3919,

 0.0000, 0.0000,

0.3325

0.0000

205.6864, 0.3865,
0.3325

■ 19.7234, 0.4745,
0.3270

■ 19.7234, 0.4745,
0.3270

■ 16.6138, 0.5214,
0.3270

■ 23.8041, 0.4318,
0.3272

■ 14.3921, 0.5678,
0.3274

■ 28.9240, 0.3953,
0.3275

■ 12.9662, 0.6065,
0.3281

■ 35.1488, 0.3653,
0.3280

■ 12.2218, 0.6312,
0.3290

■ 42.5377, 0.3411,
0.3284

■ 12.0107, 0.6383,
0.3290

■ 51.1458, 0.3217,
0.3288

■ 61.0248, 0.3062,
0.3292

■ 72.2232, 0.2938,
0.3295

■ 84.7871, 0.2837,
0.3298

■ 90.7429, 0.2794,
0.3289

Harmonies

Analogous

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



19.7234, 0.4056, 0.2688



19.7234, 0.4745, 0.3270



19.7234, 0.4885, 0.3906

Triad

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



19.7234, 0.4745, 0.3270



19.7234, 0.2923, 0.4785



19.7234, 0.1818, 0.1998

Complementary

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



19.7234, 0.4745, 0.3270



46.4397, 0.2441, 0.3317

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.



19.7234, 0.1620, 0.2305



19.7234, 0.4745, 0.3270



19.7234, 0.2179, 0.3960

Square

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



19.7234, 0.4745, 0.3270



19.7234, 0.3768, 0.4941



19.7234, 0.1730, 0.2980



19.7234, 0.2325, 0.1992

Rectangle

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



19.7234, 0.4745, 0.3270



19.7234, 0.4671, 0.4330



19.7234, 0.1730, 0.2980



19.7234, 0.1719, 0.2064

Sweetspot

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



19.7245, 0.4745, 0.3270



72.9475, 0.3449, 0.3283



22.5704, 0.3146, 0.1972



15.0217, 0.3496, 0.3282



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.



19.7245, 0.4745, 0.3270



28.3159, 0.5331, 0.3271



31.2705, 0.4342, 0.3955



10.6400, 0.3287, 0.3286



7.8141, 0.6379, 0.3287



0.3711, 0.6300, 0.3244

Inverse Universe

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



19.7245, 0.4745, 0.3270



28.3159, 0.5331, 0.3271



26.9159, 0.2260, 0.2473



10.6400, 0.3287, 0.3286



7.8141, 0.6379, 0.3287



0.3711, 0.6300, 0.3244

Previews

White Background



This preview shows how the Yxy color 19.7234, 0.4745, 0.3270 looks on a white background.

Color Contrast Check

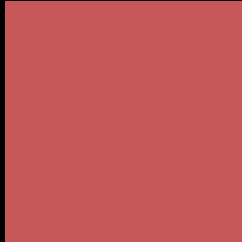
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7234, 0.4745, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

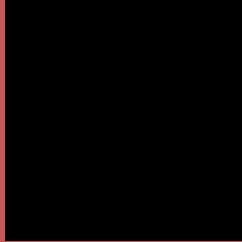
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7234, 0.4745, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 19.7234, 0.4745, 0.3270.



This preview shows how white text looks on a background with the Yxy color 19.7234, 0.4745, 0.3270.

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

19.7234, 0.4745, 0.3270

Protanopia

19.9524, 0.3414, 0.3606

Deuteranopia

19.8158, 0.3926, 0.3861



Tritanopia

19.6125, 0.4707, 0.3220

Trichromacy



Original Color

19.7234, 0.4745, 0.3270

Protanomaly

19.0405, 0.3887, 0.3459

Deuteranomaly

19.3105, 0.4239, 0.3605

Tritanomaly

19.5949, 0.4722, 0.3232

Monochromacy



Original Color

19.7234, 0.4745, 0.3270

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4526, 0.3669, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7234, 0.4745, 0.3270 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(198, 88, 90)` looks like.

```
.text, #text, p{  
    color:rgb(198, 88, 90)  
}
```

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(198, 88, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 88, 90) }
```

Border

The CSS property to change the border of an element to Yxy 19.7234, 0.4745, 0.3270 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(198, 88, 90) }
```

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

```
.border{ border-color:rgb(198, 88, 90) }
```

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

Here you see how a box with a 4 pixel rgb(198, 88, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 88, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 88, 90);  
box-shadow:4px 4px 4px 4px rgb(198, 88,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7234, 0.4745, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 88, 90) }
```

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

```
.background{ background-color: rgb(198, 88,  
90) }
```

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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