

Converting Colors

$Y_{xy}(17.2606, 0.4892, 0.3060)$

Have a look what the booklet for
Yxy(17.2606, 0.4892, 0.3060)
contains.

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Color

Yxy(17.2606, 0.4892, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	C7465A
RGB	199, 70, 90
RGB Percent	78%, 27%, 35%
CMY	0.2195, 0.7256, 0.6470
CMYK	0.00, 0.65, 0.55, 0.22
HSL	351°, 54%, 53%
HSV	351°, 65%, 78%
XYZ	27.5944, 17.2606, 11.5522
YIQ	110.8510, 70.4640, 33.5680

Conversions

Conversions Part 2

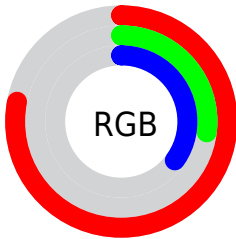
Format	Color
RYB	199, 70, 90
Decimal	13059674
CIELab	48.59, 52.69, 16.68
CIELCh	49, 55.263, 17.562
Yxy	17.2606, 0.4892, 0.3060
Android (android.graphics.Color)	4291249754 (0xFFC7465A)
YUV	110.8510, -10.2795, 77.3067
Hunter-Lab	41.5459, 45.8528, 12.5960

Details

The Yxy color **17.2606, 0.4892, 0.3060** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **45.4147, 0.2462, 0.3596**, and the grayscale version is **15.8643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8207, 0.4426, 0.3140**, and **5.6784, 0.5619, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **14.9170, 0.5323, 0.3064**, and if you desaturate by 10%, it is **20.4956, 0.4483, 0.3078**.

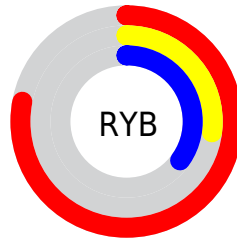
Distribution



Red (78%)

Green (27%)

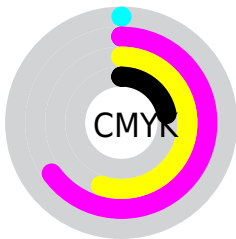
Blue (35%)



Red (78%)

Yellow (27%)

Blue (35%)

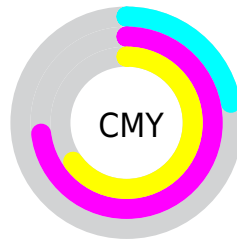


Cyan (0%)

Magenta (65%)

Yellow (55%)

Black (22%)



Cyan (22%)


Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2606, 0.4892, 0.3060 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 17.2606, 0.4892, 0.3060 by changing the saturation by 10% instead.

 17.2606, 0.4892,
0.3060


 17.2606, 0.4892,
0.3060


236.6697, 0.3863,
0.3235


 10.4205, 0.5203,
0.2986


 38.7733, 0.4479,
0.3143


 5.6786, 0.5635,
0.2866

 54.2146, 0.4336,
0.3168


 2.6507, 0.6261,
0.2657

 73.2919, 0.4220,
0.3187

 0.9522, 0.7613,
0.2387

 96.3893, 0.4124,
0.3201

 0.0000, 1.0000,
0.0000

 123.8915, 0.4043,
0.3212

 0.0000, 0.0000,
0.0000

156.1826, 0.3974,

0.3221

193.6472, 0.3915,
0.3229

■ 17.2606, 0.4892,
0.3060

■ 17.2606, 0.4892,
0.3060

■ 14.9170, 0.5323,
0.3064

■ 20.4956, 0.4483,
0.3078

■ 13.3723, 0.5731,
0.3096

■ 24.6968, 0.4121,
0.3110

■ 12.5190, 0.6060,
0.3155

■ 29.9341, 0.3816,
0.3149

■ 12.2441, 0.6192,
0.3185

■ 36.2704, 0.3564,
0.3191

■ 43.7635, 0.3360,
0.3233

■ 52.4670, 0.3195,
0.3272

■ 62.4313, 0.3062,
0.3308

■ 73.7040, 0.2954,
0.3342

■ 86.3301, 0.2867,
0.3372

Harmonies

Analogous

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



17.2606, 0.3950, 0.2443



17.2606, 0.4892, 0.3060



17.2606, 0.5204, 0.3755

Triad

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



17.2606, 0.4892, 0.3060



17.2606, 0.3092, 0.5232



17.2606, 0.1545, 0.1853

Complementary

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



17.2606, 0.4892, 0.3060



45.4147, 0.2462, 0.3596

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.



17.2606, 0.1405, 0.2276



17.2606, 0.4892, 0.3060



17.2606, 0.2190, 0.4398

Square

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



17.2606, 0.4892, 0.3060



17.2606, 0.4052, 0.5131



17.2606, 0.1602, 0.3163



17.2606, 0.2016, 0.1782

Rectangle

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



17.2606, 0.4892, 0.3060



17.2606, 0.5023, 0.4245



17.2606, 0.1602, 0.3163



17.2606, 0.1463, 0.1949

Sweetspot

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



17.2616, 0.4892, 0.3060



70.5266, 0.3445, 0.3214



17.9103, 0.2941, 0.1713



14.2925, 0.3505, 0.3202



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.



17.2616, 0.4892, 0.3060



24.7858, 0.5505, 0.3074



24.3965, 0.4787, 0.3821



10.6633, 0.3266, 0.3254



7.8793, 0.6165, 0.3170



0.3818, 0.5651, 0.2887

Inverse Universe

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



17.2616, 0.4892, 0.3060



24.7858, 0.5505, 0.3074



29.2063, 0.2201, 0.2600



10.6633, 0.3266, 0.3254



7.8793, 0.6165, 0.3170



0.3818, 0.5651, 0.2887

Previews

White Background



This preview shows how the Yxy color 17.2606, 0.4892, 0.3060 looks on a white background.

Color Contrast Check

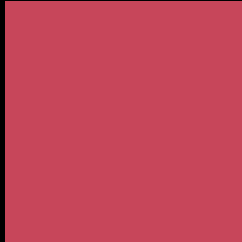
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.2606, 0.4892, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

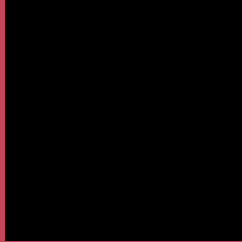
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2606, 0.4892, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 17.2606, 0.4892, 0.3060.



This preview shows how white text looks on a background with the Yxy color 17.2606, 0.4892, 0.3060.

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

17.2606, 0.4892, 0.3060

Protanopia

17.5826, 0.3214, 0.3368

Deuteranopia

17.4122, 0.3863, 0.3786



Tritanopia

17.1763, 0.5080, 0.3238

Trichromacy



Original Color

17.2606, 0.4892, 0.3060

Protanomaly

16.2191, 0.3789, 0.3205

Deuteranomaly

16.5112, 0.4260, 0.3455

Tritanomaly

17.1214, 0.5008, 0.3168

Monochromacy



Original Color

17.2606, 0.4892, 0.3060

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.1847, 0.3745, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2606, 0.4892, 0.3060 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(199, 70, 90)` looks like.

```
.text, #text, p{  
    color:rgb(199, 70, 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(199, 70, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 70, 90) }
```

Border

The CSS property to change the border of an element to Yxy 17.2606, 0.4892, 0.3060 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(199, 70, 90) }
```

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

```
.border{ border-color:rgb(199, 70, 90) }
```

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

Here you see how a box with a 4 pixel rgb(199, 70, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 70, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 70, 90);  
box-shadow:4px 4px 4px 4px rgb(199, 70,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2606, 0.4892, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 70, 90) }
```

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

```
.background{ background-color: rgb(199, 70,  
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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