

Converting Colors

$Y_{xy}(13.9897, 0.4708, 0.2649)$

Have a look what the booklet for
Yxy(13.9897, 0.4708, 0.2649)
contains.

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Color

Yxy(13.9897, 0.4708, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	BF2E66
RGB	191, 46, 102
RGB Percent	75%, 18%, 40%
CMY	0.2509, 0.8197, 0.6000
CMYK	0.00, 0.76, 0.47, 0.25
HSL	337°, 61%, 46%
HSV	337°, 76%, 75%
XYZ	24.8635, 13.9897, 13.9580
YIQ	95.7390, 68.4440, 48.1560

Conversions

Conversions Part 2

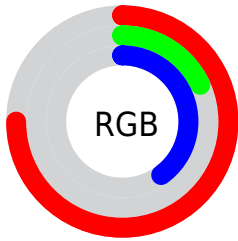
Format	Color
R_{YB}	191, 46, 102
Decimal	12529254
CIE Lab	44.22, 60.21, 2.98
CIE LCh	44, 60.288, 2.833
Yxy	13.9897, 0.4708, 0.2649
Android (android.graphics.Color)	4290719334 (0xFFBF2E66)
YUV	95.7390, 3.0867, 83.5439
Hunter-Lab	37.4028, 53.2031, 4.0561

Details

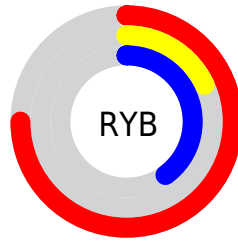
The Yxy color **13.9897, 0.4708, 0.2649** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **39.5981, 0.2594, 0.4257**, and the grayscale version is **11.6097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0985, 0.4322, 0.2808**, and **5.1911, 0.5213, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **12.5997, 0.5024, 0.2667**, and if you desaturate by 10%, it is **16.0777, 0.4399, 0.2678**.

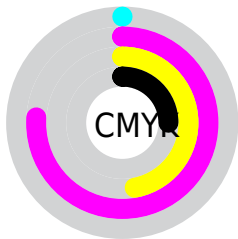
Distribution



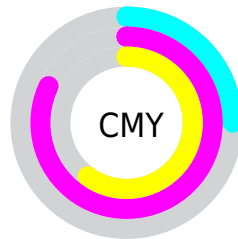
- Red (75%)
- Green (18%)
- Blue (40%)



- Red (75%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (76%)
- Yellow (47%)
- Black (25%)




- Cyan (25%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9897, 0.4708, 0.2649 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 13.9897, 0.4708, 0.2649 by changing the saturation by 10% instead.


 13.9897, 0.4708,
0.2649


 13.9897, 0.4708,
0.2649


217.1667, 0.3769,
0.3037


 8.1135, 0.5006,
0.2522


 33.0708, 0.4324,
0.2810

 4.1677, 0.5433,
0.2337

 47.0444, 0.4193,
0.2864


 1.7678, 0.6085,
0.2047

 64.4860, 0.4088,
0.2908

 0.4670, 0.7603,
0.1459

 85.7799, 0.4001,
0.2943

 0.0000, 1.0000,
0.0000

 111.3105, 0.3929,
0.2972

 0.0000, 0.0000,
0.0000

 141.4623, 0.3868,

0.2997

176.6196, 0.3815,
0.3019

■ 13.9897, 0.4708,
0.2649

■ 13.9897, 0.4708,
0.2649

■ 12.5997, 0.5024,
0.2667

■ 16.0777, 0.4399,
0.2678

■ 11.8051, 0.5323,
0.2736

■ 18.9407, 0.4113,
0.2743

■ 11.5694, 0.5440,
0.2771

■ 22.6481, 0.3861,
0.2830

■ 27.2609, 0.3645,
0.2930

■ 32.8343, 0.3464,
0.3034

■ 39.4192, 0.3313,
0.3136

■ 47.0628, 0.3190,
0.3235

■ 55.8093, 0.3088,
0.3327

■ 65.7005, 0.3005,
0.3412

Harmonies

Analogous

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



13.9897, 0.3426, 0.2051



13.9897, 0.4708, 0.2649



13.9897, 0.5458, 0.3364

Triad

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



13.9897, 0.4708, 0.2649



13.9897, 0.3564, 0.5615



13.9897, 0.1240, 0.1826

Complementary

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



13.9897, 0.4708, 0.2649



39.5981, 0.2594, 0.4257

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.



13.9897, 0.1248, 0.2519



13.9897, 0.4708, 0.2649



13.9897, 0.2489, 0.5245

Square

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



13.9897, 0.4708, 0.2649



13.9897, 0.4593, 0.5003



13.9897, 0.1646, 0.3823



13.9897, 0.1567, 0.1593

Rectangle

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



13.9897, 0.4708, 0.2649



13.9897, 0.5466, 0.3879



13.9897, 0.1646, 0.3823



13.9897, 0.1205, 0.1995

Sweetspot

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



13.9905, 0.4708, 0.2649



61.6393, 0.3423, 0.3060



10.7022, 0.2474, 0.1320



12.6513, 0.3482, 0.3022



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.9905, 0.4708, 0.2649



21.5298, 0.5222, 0.2706



14.5588, 0.5581, 0.3439



9.5957, 0.3229, 0.3202



7.6167, 0.5405, 0.2751



0.3112, 0.4760, 0.2396

Inverse Universe

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



13.9905, 0.4708, 0.2649



21.5298, 0.5222, 0.2706



35.5946, 0.2244, 0.3054



9.5957, 0.3229, 0.3202



7.6167, 0.5405, 0.2751



0.3112, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 13.9897, 0.4708, 0.2649 looks on a white background.

Color Contrast Check

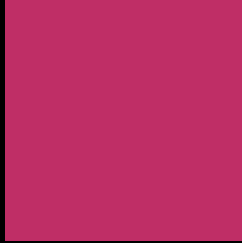
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9897, 0.4708, 0.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

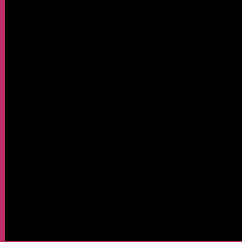
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9897, 0.4708, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 13.9897, 0.4708, 0.2649.



This preview shows how white text looks on a background with the Yxy color 13.9897, 0.4708, 0.2649.

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

13.9897, 0.4708, 0.2649

Protanopia

14.2196, 0.2661, 0.2642

Deuteranopia

14.2509, 0.3476, 0.3435



Tritanopia

14.0713, 0.5398, 0.3265

Trichromacy



Original Color

13.9897, 0.4708, 0.2649

Protanomaly

12.4670, 0.3272, 0.2535

Deuteranomaly

12.9362, 0.3930, 0.3009

Tritanomaly

14.0014, 0.5182, 0.3051

Monochromacy



Original Color

13.9897, 0.4708, 0.2649

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.1559, 0.3721, 0.2905

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9897, 0.4708, 0.2649 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(191, 46, 102)` looks like.

```
.text, #text, p{  
    color:rgb(191, 46, 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(191, 46, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 46, 102) }
```

Border

The CSS property to change the border of an element to Yxy 13.9897, 0.4708, 0.2649 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(191, 46, 102) }
```

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

```
.border{ border-color:rgb(191, 46, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 46, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 46, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 46, 102);  
box-shadow:4px 4px 4px 4px rgb(191, 46,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9897, 0.4708, 0.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 46, 102) }
```

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

```
.background{ background-color: rgb(191, 46,  
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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