

Converting Colors

$Y_{xy}(14.0219, 0.4572, 0.2666)$

Have a look what the booklet for
Yxy(14.0219, 0.4572, 0.2666)
contains.

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Color

Yxy(13.9848, 0.4572, 0.2662)

Conversions

Conversions Part 1

Format	Color
Hex	BA3568
RGB	186, 53, 104
RGB Percent	73%, 21%, 41%
CMY	0.2706, 0.7920, 0.5921
CMYK	0.00, 0.71, 0.44, 0.27
HSL	337°, 56%, 47%
HSV	337°, 71%, 73%
XYZ	24.0190, 13.9848, 14.5312
YIQ	98.5810, 62.8970, 44.0570

Conversions

Conversions Part 2

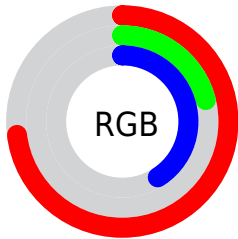
Format	Color
RYB	186, 53, 104
Decimal	12203368
CIELab	44.21, 56.58, 1.61
CIElCh	44, 56.605, 1.626
Yxy	13.9848, 0.4572, 0.2662
Android (android.graphics.Color)	4290393448 (0xFFBA3568)
YUV	98.5810, 2.6716, 76.6665
Hunter-Lab	37.3963, 49.2040, 3.1389

Details

The Yxy color **13.9848, 0.4572, 0.2662** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **37.6186, 0.2601, 0.4181**, and the grayscale version is **12.3511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1112, 0.4216, 0.2820**, and **4.8846, 0.5120, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **12.3881, 0.4888, 0.2658**, and if you desaturate by 10%, it is **16.2725, 0.4271, 0.2708**.

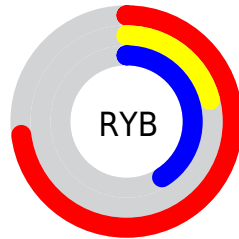
Distribution



Red (73%)

Green (21%)

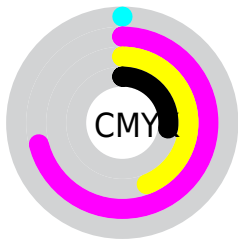
Blue (41%)



Red (73%)

Yellow (21%)

Blue (41%)

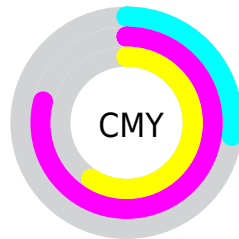


Cyan (0%)

Magenta (71%)

Yellow (44%)

Black (27%)



Cyan (27%)


Magenta (79%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9848, 0.4572, 0.2662 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 13.9848, 0.4572, 0.2662 by changing the saturation by 10% instead.


 13.9848, 0.4572,
0.2662


 13.9848, 0.4572,
0.2662


217.1362, 0.3714,
0.3039


 8.1101, 0.4846,
0.2540


 33.0621, 0.4220,
0.2818


 4.1655, 0.5240,
0.2362

 47.0334, 0.4101,
0.2870


 1.7666, 0.5849,
0.2085

 64.4724, 0.4004,
0.2912

 0.4662, 0.7237,
0.1495

 85.7635, 0.3925,
0.2947

 0.0000, 1.0000,
0.0000

 111.2910, 0.3859,
0.2975

 0.0000, 0.0000,
0.0000

141.4394, 0.3803,

0.3000

176.5930, 0.3755,
0.3021

■ 13.9848, 0.4572,
0.2662

■ 13.9848, 0.4572,
0.2662

■ 12.3881, 0.4888,
0.2658

■ 16.2725, 0.4271,
0.2708

■ 11.3979, 0.5199,
0.2704

■ 19.3184, 0.3999,
0.2784

■ 10.8961, 0.5447,
0.2774

■ 23.1838, 0.3762,
0.2877

■ 27.9233, 0.3561,
0.2979

■ 33.5867, 0.3394,
0.3082

■ 40.2202, 0.3256,
0.3182

■ 47.8665, 0.3142,
0.3276

■ 56.5661, 0.3049,
0.3365

■ 66.3571, 0.2973,
0.3446

Harmonies

Analogous

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



13.9848, 0.3365, 0.2091



13.9848, 0.4572, 0.2662



13.9848, 0.5315, 0.3355

Triad

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



13.9848, 0.4572, 0.2662



13.9848, 0.3613, 0.5472



13.9848, 0.1313, 0.1918

Complementary

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



13.9848, 0.4572, 0.2662



37.6186, 0.2601, 0.4181

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.



13.9848, 0.1340, 0.2612



13.9848, 0.4572, 0.2662



13.9848, 0.2580, 0.5143

Square

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



13.9848, 0.4572, 0.2662



13.9848, 0.4583, 0.4913



13.9848, 0.1752, 0.3854



13.9848, 0.1618, 0.1671

Rectangle

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



13.9848, 0.4572, 0.2662



13.9848, 0.5360, 0.3853



13.9848, 0.1752, 0.3854



13.9848, 0.1285, 0.2091

Sweetspot

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



13.9856, 0.4572, 0.2662



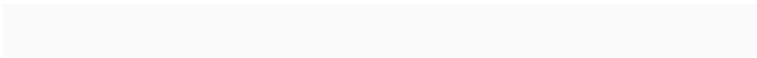
61.0452, 0.3392, 0.3083



11.0638, 0.2523, 0.1412



12.7765, 0.3435, 0.3055



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



13.9856, 0.4572, 0.2662



21.2709, 0.5075, 0.2679



14.6289, 0.5381, 0.3444



9.0677, 0.3229, 0.3203



7.3455, 0.5413, 0.2756



0.2712, 0.4716, 0.2371

Inverse Universe

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



13.9856, 0.4572, 0.2662



21.2709, 0.5075, 0.2679



34.0703, 0.2272, 0.3070



9.0677, 0.3229, 0.3203



7.3455, 0.5413, 0.2756



0.2712, 0.4716, 0.2371

Previews

White Background



This preview shows how the Yxy color 13.9848, 0.4572, 0.2662 looks on a white background.

Color Contrast Check

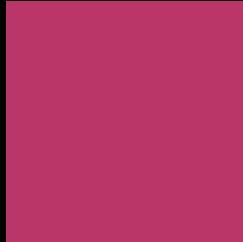
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9848, 0.4572, 0.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

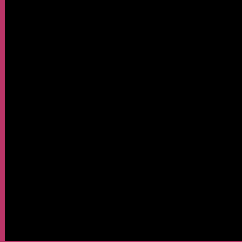
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9848, 0.4572, 0.2662

Background



This preview shows how black text looks on a background with the Yxy color 13.9848, 0.4572, 0.2662.



This preview shows how white text looks on a background with the Yxy color 13.9848, 0.4572, 0.2662.

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

13.9848, 0.4572, 0.2662

Protanopia

14.2466, 0.2683, 0.2662

Deuteranopia

14.2174, 0.3433, 0.3394



Tritanopia

14.0289, 0.5205, 0.3249

Trichromacy



Original Color

13.9848, 0.4572, 0.2662

Protanomaly

12.6981, 0.3253, 0.2567

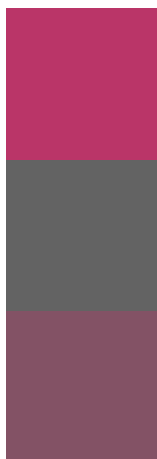
Deuteranomaly

13.1004, 0.3853, 0.3005

Tritanomaly

14.0214, 0.4991, 0.3040

Monochromacy



Original Color

13.9848, 0.4572, 0.2662

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

11.7995, 0.3651, 0.2925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9848, 0.4572, 0.2662 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(186, 53, 104)` looks like.

```
.text, #text, p{  
  color:rgb(186, 53, 104)  
}
```

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(186, 53, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 53, 104) }
```

Border

The CSS property to change the border of an element to Yxy 13.9848, 0.4572, 0.2662 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(186, 53, 104) }
```

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

```
.border{ border-color:rgb(186, 53, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 53, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 53, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 53, 104);  
box-shadow:4px 4px 4px 4px rgb(186, 53,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9848, 0.4572, 0.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 53, 104) }
```

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

```
.background{ background-color: rgb(186, 53,  
104) }
```

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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