

Converting Colors

$Y_{xy}(14.2113, 0.4685, 0.2840)$

Have a look what the booklet for
Yxy(14.2113, 0.4685, 0.2840)
contains.

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Color

Yxy(14.2483, 0.4686, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	B83C5F
RGB	184, 60, 95
RGB Percent	72%, 24%, 37%
CMY	0.2785, 0.7646, 0.6275
CMYK	0.00, 0.67, 0.48, 0.28
HSL	343°, 51%, 48%
HSV	343°, 67%, 72%
XYZ	23.4437, 14.2483, 12.3372
YIQ	101.0660, 62.6690, 37.1730

Conversions

Conversions Part 2

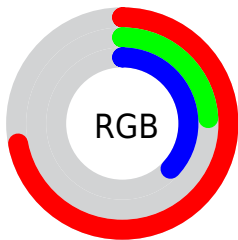
Format	Color
R_{YB}	184, 60, 95
Decimal	12074079
CIE _{Lab}	44.59, 52.42, 7.68
CIE _{LCh}	45, 52.978, 8.337
Yxy	14.2483, 0.4686, 0.2848
Android (android.graphics.Color)	4290264159 (0xFFB83C5F)
YUV	101.0660, -2.9905, 72.7331
Hunter-Lab	37.7469, 44.8047, 7.0445

Details

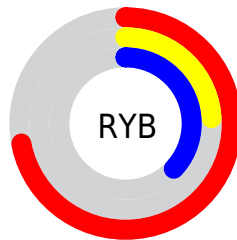
The Yxy color **14.2483, 0.4686, 0.2848** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **37.4035, 0.2539, 0.3888**, and the grayscale version is **13.0311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5389, 0.4304, 0.2974**, and **4.6574, 0.5344, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **12.4237, 0.5057, 0.2844**, and if you desaturate by 10%, it is **16.7852, 0.4338, 0.2886**.

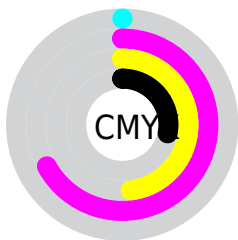
Distribution



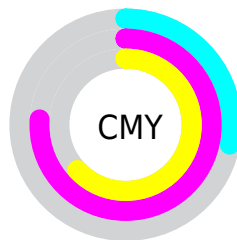
- Red (72%)
- Green (24%)
- Blue (37%)



- Red (72%)
- Yellow (24%)
- Blue (37%)



- Cyan (0%)
- Magenta (67%)
- Yellow (48%)
- Black (28%)





- Cyan (28%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2483, 0.4686, 0.2848 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 14.2483, 0.4686, 0.2848 by changing the saturation by 10% instead.


 14.2483, 0.4686,
0.2848


 14.2483, 0.4686,
0.2848


218.7701, 0.3756,
0.3130


 8.2936, 0.4984,
0.2747


 33.5290, 0.4303,
0.2970


 4.2834, 0.5413,
0.2594

 47.6237, 0.4174,
0.3009


 1.8333, 0.6071,
0.2340

 65.2005, 0.4070,
0.3040

 0.5078, 0.8033,
0.1907

 86.6438, 0.3984,
0.3065

 0.0000, 1.0000,
0.0000

 112.3380, 0.3913,
0.3086

 0.0000, 0.0000,
0.0000

142.6676, 0.3852,

0.3103

178.0168, 0.3801,
0.3118

■ 14.2483, 0.4686,
0.2848

■ 14.2483, 0.4686,
0.2848

■ 12.4237, 0.5057,
0.2844

■ 16.7852, 0.4338,
0.2886

■ 11.2341, 0.5421,
0.2882

■ 20.0966, 0.4029,
0.2945

■ 10.5718, 0.5745,
0.2961

■ 24.2402, 0.3766,
0.3016

■ 10.4341, 0.5825,
0.2982

■ 29.2678, 0.3546,
0.3092

■ 35.2270, 0.3365,
0.3167

■ 42.1618, 0.3218,
0.3240

■ 50.1134, 0.3098,
0.3307

■ 59.1208, 0.3000,
0.3370

■ 69.2208, 0.2920,
0.3427

Harmonies

Analogous

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



14.2483, 0.3612, 0.2264



14.2483, 0.4686, 0.2848



14.2483, 0.5229, 0.3533

Triad

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



14.2483, 0.4686, 0.2848



14.2483, 0.3390, 0.5340



14.2483, 0.1441, 0.1915

Complementary

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



14.2483, 0.4686, 0.2848



37.4035, 0.2539, 0.3888

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.



14.2483, 0.1399, 0.2476



14.2483, 0.4686, 0.2848



14.2483, 0.2427, 0.4779

Square

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



14.2483, 0.4686, 0.2848



14.2483, 0.4337, 0.4991



14.2483, 0.1713, 0.3531



14.2483, 0.1811, 0.1747

Rectangle

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



14.2483, 0.4686, 0.2848



14.2483, 0.5176, 0.4020



14.2483, 0.1713, 0.3531



14.2483, 0.1391, 0.2052

Sweetspot

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



14.2491, 0.4686, 0.2848



60.4879, 0.3415, 0.3145



13.0719, 0.2748, 0.1587



12.3838, 0.3465, 0.3124



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



14.2491, 0.4686, 0.2848



21.3170, 0.5242, 0.2857



17.3129, 0.5032, 0.3633



9.0527, 0.3245, 0.3226



7.2039, 0.5793, 0.2965



0.2649, 0.5039, 0.2549

Inverse Universe

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



14.2491, 0.4686, 0.2848



21.3170, 0.5242, 0.2857



28.5770, 0.2241, 0.2834



9.0527, 0.3245, 0.3226



7.2039, 0.5793, 0.2965



0.2649, 0.5039, 0.2549

Previews

White Background



This preview shows how the Yxy color 14.2483, 0.4686, 0.2848 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 14.2483, 0.4686, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

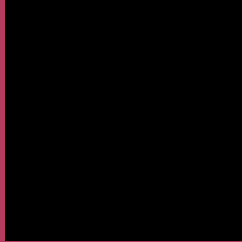
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2483, 0.4686, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 14.2483, 0.4686, 0.2848.



This preview shows how white text looks on a background with the Yxy color 14.2483, 0.4686, 0.2848.

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

14.2483, 0.4686, 0.2848

Protanopia

14.4023, 0.2926, 0.2978

Deuteranopia

14.4350, 0.3625, 0.3554



Tritanopia

14.1553, 0.5104, 0.3247

Trichromacy



Original Color

14.2483, 0.4686, 0.2848

Protanomaly

13.2790, 0.3492, 0.2878

Deuteranomaly

13.5915, 0.4023, 0.3221

Tritanomaly

14.1724, 0.4974, 0.3108

Monochromacy



Original Color

14.2483, 0.4686, 0.2848

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.3817, 0.3668, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2483, 0.4686, 0.2848 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(184, 60, 95)` looks like.

```
.text, #text, p{  
    color:rgb(184, 60, 95)  
}
```

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(184, 60, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 60, 95) }
```

Border

The CSS property to change the border of an element to Yxy 14.2483, 0.4686, 0.2848 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(184, 60, 95) }
```

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

```
.border{ border-color:rgb(184, 60, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 60, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 60, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 60, 95);  
box-shadow:4px 4px 4px 4px rgb(184, 60,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2483, 0.4686, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 60, 95) }
```

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

```
.background{ background-color: rgb(184, 60,  
95) }
```

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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