

Converting Colors

$Y_{xy}(15.0491, 0.5072, 0.2971)$

Have a look what the booklet for
Yxy(15.0491, 0.5072, 0.2971)
contains.

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Color

Yxy(15.0142, 0.5073, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	C43654
RGB	196, 54, 84
RGB Percent	77%, 21%, 33%
CMY	0.2313, 0.7883, 0.6705
CMYK	0.00, 0.72, 0.57, 0.23
HSL	347°, 57%, 49%
HSV	347°, 72%, 77%
XYZ	25.6887, 15.0142, 9.9352
YIQ	99.8780, 75.0020, 39.4340

Conversions

Conversions Part 2

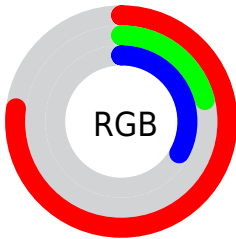
Format	Color
R_{YB}	196, 54, 84
Decimal	12858964
CIE _{Lab}	45.65, 57.53, 16.26
CIE _{LCh}	46, 59.780, 15.783
Yxy	15.0142, 0.5073, 0.2965
Android (android.graphics.Color)	4291049044 (0xFFC43654)
YUV	99.8780, -7.8279, 84.2990
Hunter-Lab	38.7482, 50.5302, 11.9215

Details

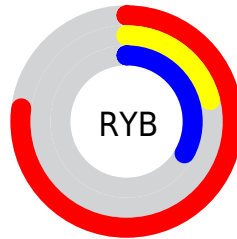
The Yxy color **15.0142, 0.5073, 0.2965** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **43.0247, 0.2468, 0.3772**, and the grayscale version is **12.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3223, 0.4584, 0.3075**, and **5.3874, 0.5721, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **13.3283, 0.5475, 0.2989**, and if you desaturate by 10%, it is **17.4900, 0.4670, 0.2974**.

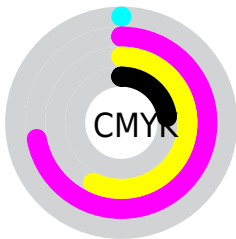
Distribution



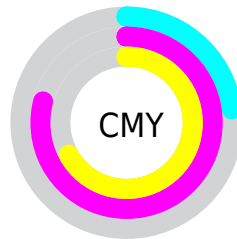
- Red (77%)
- Green (21%)
- Blue (33%)



- Red (77%)
- Yellow (21%)
- Blue (33%)



- Cyan (0%)
- Magenta (72%)
- Yellow (57%)
- Black (23%)





- Cyan (23%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0142, 0.5073, 0.2965 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 15.0142, 0.5073, 0.2965 by changing the saturation by 10% instead.


 15.0142, 0.5073,
0.2965

 15.0142, 0.5073,
0.2965


223.4522, 0.3921,
0.3203


 8.8294, 0.5429,
0.2866


 34.8781, 0.4605,
0.3077


 4.6300, 0.5926,
0.2708


 49.3259, 0.4445,
0.3110

 2.0319, 0.6661,
0.2439


 67.2969, 0.4315,
0.3136

 0.6259, 0.8066,
0.1934

 89.1753, 0.4208,
0.3155

 0.0000, 1.0000,
0.0000

 115.3457, 0.4119,
0.3171

 0.0000, 0.0000,
0.0000

146.1923, 0.4043,

0.3184

182.0997, 0.3977,
0.3194

■ 15.0142, 0.5073,
0.2965

■ 15.0142, 0.5073,
0.2965

■ 13.3283, 0.5475,
0.2989

■ 17.4900, 0.4670,
0.2974

■ 12.3317, 0.5833,
0.3050

■ 20.8353, 0.4300,
0.3008

■ 11.9016, 0.6053,
0.3108

■ 25.1227, 0.3978,
0.3056

■ 30.4163, 0.3708,
0.3111

■ 36.7748, 0.3486,
0.3169

■ 44.2522, 0.3305,
0.3225

■ 52.8990, 0.3159,
0.3278

■ 62.7624, 0.3040,
0.3327

■ 73.8871, 0.2944,
0.3371

Harmonies

Analogous

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



15.0142, 0.3973, 0.2313



15.0142, 0.5073, 0.2965



15.0142, 0.5444, 0.3699

Triad

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



15.0142, 0.5073, 0.2965



15.0142, 0.3107, 0.5539



15.0142, 0.1378, 0.1719

Complementary

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



15.0142, 0.5073, 0.2965



43.0247, 0.2468, 0.3772

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.



15.0142, 0.1245, 0.2185



15.0142, 0.5073, 0.2965



15.0142, 0.2112, 0.4648

Square

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



15.0142, 0.5073, 0.2965



15.0142, 0.4158, 0.5286



15.0142, 0.1463, 0.3199



15.0142, 0.1855, 0.1634

Rectangle

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



15.0142, 0.5073, 0.2965



15.0142, 0.5238, 0.4229



15.0142, 0.1463, 0.3199



15.0142, 0.1297, 0.1824

Sweetspot

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



15.0151, 0.5073, 0.2965



66.7522, 0.3484, 0.3169



14.6482, 0.2822, 0.1540



13.5650, 0.3540, 0.3154



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.



15.0151, 0.5073, 0.2965



22.9363, 0.5695, 0.3021



20.0497, 0.5140, 0.3753



10.1120, 0.3256, 0.3242



7.6561, 0.6021, 0.3090



0.3412, 0.5392, 0.2744

Inverse Universe

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



15.0151, 0.5073, 0.2965



22.9363, 0.5695, 0.3021



28.4714, 0.2155, 0.2629



10.1120, 0.3256, 0.3242



7.6561, 0.6021, 0.3090



0.3412, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 15.0142, 0.5073, 0.2965 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 15.0142, 0.5073, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

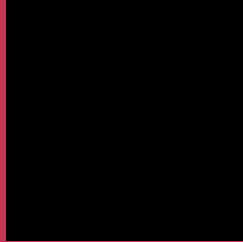
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0142, 0.5073, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 15.0142, 0.5073, 0.2965.



This preview shows how white text looks on a background with the Yxy color 15.0142, 0.5073, 0.2965.

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

15.0142, 0.5073, 0.2965

Protanopia

15.1659, 0.3129, 0.3249

Deuteranopia

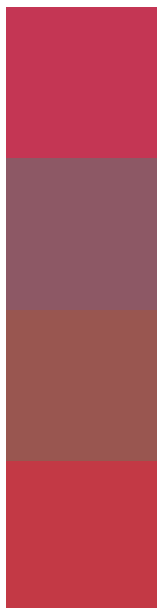
15.1036, 0.3877, 0.3816



Tritanopia

15.0670, 0.5417, 0.3276

Trichromacy



Original Color

15.0142, 0.5073, 0.2965

Protanomaly

13.5818, 0.3785, 0.3055

Deuteranomaly

14.0071, 0.4340, 0.3394

Tritanomaly

14.9580, 0.5306, 0.3169

Monochromacy



Original Color

15.0142, 0.5073, 0.2965

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.1456, 0.3835, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0142, 0.5073, 0.2965 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(196, 54, 84)` looks like.

```
.text, #text, p{  
    color:rgb(196, 54, 84)  
}
```

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(196, 54, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 54, 84) }
```

Border

The CSS property to change the border of an element to Yxy 15.0142, 0.5073, 0.2965 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(196, 54, 84) }
```

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

```
.border{ border-color:rgb(196, 54, 84) }
```

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

Here you see how a box with a 4 pixel rgb(196, 54, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 54, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 54, 84);  
box-shadow:4px 4px 4px 4px rgb(196, 54,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0142, 0.5073, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 54, 84) }
```

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

```
.background{ background-color: rgb(196, 54,  
84) }
```

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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