

Converting Colors

$Y_{xy}(15.1888, 0.4523, 0.2663)$

Have a look what the booklet for
Yxy(15.1888, 0.4523, 0.2663)
contains.

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Color

Yxy(15.2066, 0.4518, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	BF3A6D
RGB	191, 58, 109
RGB Percent	75%, 23%, 43%
CMY	0.2510, 0.7725, 0.5725
CMYK	0.00, 0.70, 0.43, 0.25
HSL	337°, 53%, 49%
HSV	337°, 70%, 75%
XYZ	25.7606, 15.2066, 16.0505
YIQ	103.5810, 62.8970, 44.0570

Conversions

Conversions Part 2

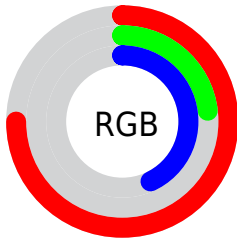
Format	Color
R_{YB}	191, 58, 109
Decimal	12532333
CIE _{Lab}	45.92, 56.70, 1.10
CIE _{LCh}	46, 56.707, 1.112
Yxy	15.2066, 0.4518, 0.2667
Android (android.graphics.Color)	4290722413 (0xFFBF3A6D)
YUV	103.5810, 2.6716, 76.6665
Hunter-Lab	38.9956, 49.6749, 2.8934

Details

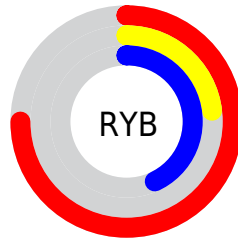
The Yxy color **15.2066, 0.4518, 0.2667** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **40.0554, 0.2605, 0.4156**, and the grayscale version is **13.7065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0819, 0.4188, 0.2818**, and **5.2533, 0.5026, 0.2542** is the 20% darker color. If you saturate the color by 10%, you get **13.3889, 0.4833, 0.2655**, and if you desaturate by 10%, it is **17.7740, 0.4221, 0.2719**.

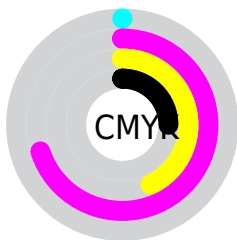
Distribution



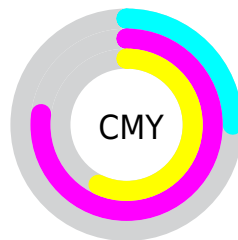
- Red (75%)
- Green (23%)
- Blue (43%)



- Red (75%)
- Yellow (23%)
- Blue (43%)



- Cyan (0%)
- Magenta (70%)
- Yellow (43%)
- Black (25%)




- Cyan (25%)
- Magenta (77%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2066, 0.4518, 0.2667 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 15.2066, 0.4518, 0.2667 by changing the saturation by 10% instead.


 15.2066, 0.4518,
0.2667


 15.2066, 0.4518,
0.2667


224.6133, 0.3701,
0.3035


 8.9645, 0.4773,
0.2551


 35.2152, 0.4186,
0.2817


 4.7180, 0.5138,
0.2384

 49.7505, 0.4073,
0.2869


 2.0828, 0.5693,
0.2127

 67.8190, 0.3981,
0.2910

 0.6549, 0.6704,
0.1672

 89.8051, 0.3905,
0.2944

 0.0000, 1.0000,
0.0000

 116.0932, 0.3842,
0.2972

 0.0000, 0.0000,
0.0000

147.0677, 0.3788,

0.2997

183.1129, 0.3741,
0.3017

■ 15.2066, 0.4518,
0.2667

■ 15.2066, 0.4518,
0.2667

■ 13.3889, 0.4833,
0.2655

■ 17.7740, 0.4221,
0.2719

■ 12.2334, 0.5147,
0.2692

■ 21.1607, 0.3954,
0.2799

■ 11.5823, 0.5440,
0.2773

■ 25.4311, 0.3724,
0.2895

■ 11.5613, 0.5450,
0.2776

■ 30.6423, 0.3529,
0.2997

■ 36.8468, 0.3367,
0.3100

■ 44.0931, 0.3233,
0.3200

■ 52.4263, 0.3124,
0.3293

■ 61.8891, 0.3034,
0.3381

■ 72.5219, 0.2960,
0.3461

Harmonies

Analogous

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



15.2066, 0.3341, 0.2107



15.2066, 0.4518, 0.2667



15.2066, 0.5257, 0.3350

Triad

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



15.2066, 0.4518, 0.2667



15.2066, 0.3630, 0.5414



15.2066, 0.1344, 0.1957

Complementary

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



15.2066, 0.4518, 0.2667



40.0554, 0.2605, 0.4156

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.



15.2066, 0.1379, 0.2649



15.2066, 0.4518, 0.2667



15.2066, 0.2615, 0.5102

Square

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



15.2066, 0.4518, 0.2667



15.2066, 0.4577, 0.4876



15.2066, 0.1795, 0.3865



15.2066, 0.1639, 0.1703

Rectangle

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



15.2066, 0.4518, 0.2667



15.2066, 0.5315, 0.3841



15.2066, 0.1795, 0.3865



15.2066, 0.1318, 0.2131

Sweetspot

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



15.2074, 0.4518, 0.2667



63.9738, 0.3392, 0.3083



12.1743, 0.2542, 0.1448



13.3448, 0.3436, 0.3054



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.



15.2074, 0.4518, 0.2667



22.6655, 0.5014, 0.2669



15.9271, 0.5304, 0.3445



9.5953, 0.3230, 0.3202



7.6124, 0.5416, 0.2757



0.3110, 0.4768, 0.2400

Inverse Universe

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



15.2074, 0.4518, 0.2667



22.6655, 0.5014, 0.2669



36.3839, 0.2284, 0.3076



9.5953, 0.3230, 0.3202



7.6124, 0.5416, 0.2757



0.3110, 0.4768, 0.2400

Previews

White Background



This preview shows how the Yxy color 15.2066, 0.4518, 0.2667 looks on a white background.

Color Contrast Check

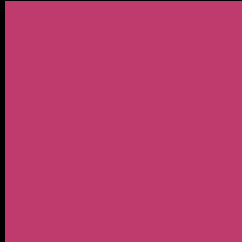
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2066, 0.4518, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

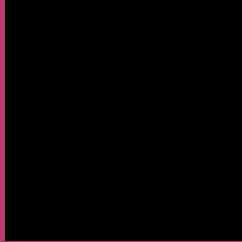
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2066, 0.4518, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 15.2066, 0.4518, 0.2667.



This preview shows how white text looks on a background with the Yxy color 15.2066, 0.4518, 0.2667.

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

15.2066, 0.4518, 0.2667

Protanopia

15.4140, 0.2696, 0.2681

Deuteranopia

15.4783, 0.3423, 0.3370



Tritanopia

15.2881, 0.5128, 0.3249

Trichromacy



Original Color

15.2066, 0.4518, 0.2667

Protanomaly

13.9392, 0.3248, 0.2605

Deuteranomaly

14.4606, 0.3821, 0.3014

Tritanomaly

15.2698, 0.4920, 0.3041

Monochromacy



Original Color

15.2066, 0.4518, 0.2667

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.0912, 0.3627, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2066, 0.4518, 0.2667 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, 58, 109)` looks like.

```
.text, #text, p{  
  color:rgb(191, 58, 109)  
}
```

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, 58, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 58, 109) }
```

Border

The CSS property to change the border of an element to Yxy 15.2066, 0.4518, 0.2667 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, 58, 109) }
```

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

```
.border{ border-color:rgb(191, 58, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 58, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 58, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 58, 109); box-shadow:4px 4px 4px 4px rgb(191, 58, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2066, 0.4518, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 58, 109) }
```

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

```
.background{ background-color: rgb(191, 58,  
109) }
```

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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