

Converting Colors

$Y_{xy}(15.0740, 0.4650, 0.2950)$

Have a look what the booklet for
Yxy(15.0740, 0.4650, 0.2950)
contains.

Yxy(15.1327, 0.4655, 0.2953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.1327, 0.4655, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	B8445E
RGB	184, 68, 94
RGB Percent	72%, 27%, 37%
CMY	0.2784, 0.7333, 0.6313
CMYK	0.00, 0.63, 0.49, 0.28
HSL	347°, 46%, 49%
HSV	347°, 63%, 72%
XYZ	23.8546, 15.1327, 12.2578
YIQ	105.6480, 60.7900, 32.6780

Conversions

Conversions Part 2

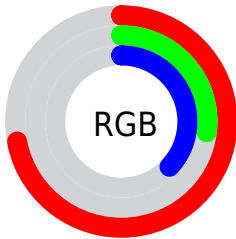
Format	Color
RYB	184, 68, 94
Decimal	12076126
CIELab	45.82, 48.94, 10.01
CIElCh	46, 49.957, 11.555
Yxy	15.1327, 0.4655, 0.2953
Android (android.graphics.Color)	4290266206 (0xFFB8445E)
YUV	105.6480, -5.7425, 68.7147
Hunter-Lab	38.9008, 41.3830, 8.5479

Details

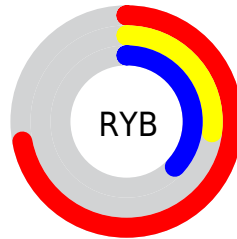
The Yxy color **15.1327, 0.4655, 0.2953** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **37.9765, 0.2519, 0.3724**, and the grayscale version is **14.3166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1658, 0.4286, 0.3057**, and **4.6924, 0.5365, 0.2749** is the 20% darker color. If you saturate the color by 10%, you get **13.0131, 0.5050, 0.2943**, and if you desaturate by 10%, it is **17.9996, 0.4292, 0.2988**.

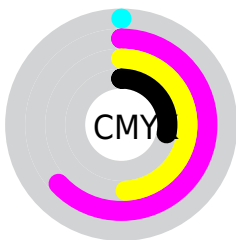
Distribution



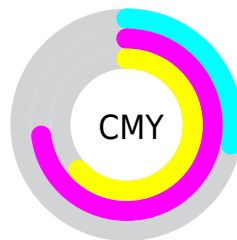
- Red (72%)
- Green (27%)
- Blue (37%)



- Red (72%)
- Yellow (27%)
- Blue (37%)



- Cyan (0%)
- Magenta (63%)
- Yellow (49%)
- Black (28%)





- Cyan (28%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1327, 0.4655, 0.2953 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 15.1327, 0.4655, 0.2953 by changing the saturation by 10% instead.


 15.1327, 0.4655,
0.2953


 15.1327, 0.4655,
0.2953


224.1680, 0.3748,
0.3176


 8.9126, 0.4942,
0.2870


 35.0858, 0.4284,
0.3052


 4.6842, 0.5354,
0.2740

 49.5876, 0.4157,
0.3083


 2.0632, 0.5982,
0.2519

 67.6187, 0.4056,
0.3107

 0.6438, 0.7750,
0.2245

 89.5635, 0.3972,
0.3127

 0.0000, 1.0000,
0.0000

 115.8065, 0.3902,
0.3142

 0.0000, 0.0000,
0.0000

146.7319, 0.3843,

0.3155

182.7243, 0.3792,
0.3166

■ 15.1327, 0.4655,
0.2953

■ 15.1327, 0.4655,
0.2953

■ 13.0131, 0.5050,
0.2943

■ 17.9996, 0.4292,
0.2988

■ 11.5679, 0.5446,
0.2967

■ 21.6729, 0.3975,
0.3039

■ 10.7136, 0.5799,
0.3029

■ 26.2086, 0.3709,
0.3098

■ 10.3518, 0.6007,
0.3083

■ 31.6569, 0.3490,
0.3159

■ 38.0641, 0.3311,
0.3218

■ 45.4736, 0.3166,
0.3274

■ 53.9258, 0.3048,
0.3326

■ 63.4591, 0.2952,
0.3373

■ 74.1099, 0.2873,
0.3417

Harmonies

Analogous

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



15.1327, 0.3696, 0.2380



15.1327, 0.4655, 0.2953



15.1327, 0.5096, 0.3616

Triad

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



15.1327, 0.4655, 0.2953



15.1327, 0.3296, 0.5165



15.1327, 0.1559, 0.1971

Complementary

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



15.1327, 0.4655, 0.2953



37.9765, 0.2519, 0.3724

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.



15.1327, 0.1489, 0.2465



15.1327, 0.4655, 0.2953



15.1327, 0.2400, 0.4544

Square

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



15.1327, 0.4655, 0.2953



15.1327, 0.4196, 0.4952



15.1327, 0.1757, 0.3399



15.1327, 0.1950, 0.1837

Rectangle

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



15.1327, 0.4655, 0.2953



15.1327, 0.5015, 0.4082



15.1327, 0.1757, 0.3399



15.1327, 0.1501, 0.2090

Sweetspot

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



15.1335, 0.4655, 0.2953



61.5037, 0.3419, 0.3181



14.7570, 0.2853, 0.1711



12.5767, 0.3472, 0.3164



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.



15.1335, 0.4655, 0.2953



22.3406, 0.5220, 0.2949



19.5192, 0.4795, 0.3704



9.0443, 0.3253, 0.3239



7.1438, 0.5978, 0.3067



0.2614, 0.5252, 0.2667

Inverse Universe

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



15.1335, 0.4655, 0.2953



22.3406, 0.5220, 0.2949



27.4937, 0.2257, 0.2766



9.0443, 0.3253, 0.3239



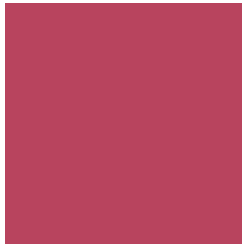
7.1438, 0.5978, 0.3067



0.2614, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 15.1327, 0.4655, 0.2953 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 15.1327, 0.4655, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

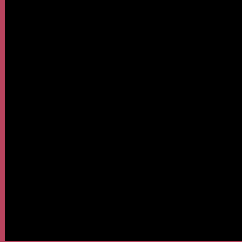
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1327, 0.4655, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 15.1327, 0.4655, 0.2953.



This preview shows how white text looks on a background with the Yxy color 15.1327, 0.4655, 0.2953.

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

15.1327, 0.4655, 0.2953

Protanopia

15.4494, 0.3041, 0.3147

Deuteranopia

15.3364, 0.3669, 0.3606



Tritanopia

15.0956, 0.4942, 0.3231

Trichromacy



Original Color

15.1327, 0.4655, 0.2953

Protanomaly

14.3224, 0.3569, 0.3031

Deuteranomaly

14.7055, 0.4036, 0.3310

Tritanomaly

15.0721, 0.4828, 0.3126

Monochromacy



Original Color

15.1327, 0.4655, 0.2953

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.6819, 0.3641, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1327, 0.4655, 0.2953 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, 68, 94)` looks like.

```
.text, #text, p{  
    color:rgb(184, 68, 94)  
}
```

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, 68, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 68, 94) }
```

Border

The CSS property to change the border of an element to Yxy 15.1327, 0.4655, 0.2953 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, 68, 94) }
```

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

```
.border{ border-color:rgb(184, 68, 94) }
```

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

Here you see how a box with a 4 pixel rgb(184, 68, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 68, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 68, 94);  
box-shadow:4px 4px 4px 4px rgb(184, 68,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1327, 0.4655, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 68, 94) }
```

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

```
.background{ background-color: rgb(184, 68,  
94) }
```

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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