

Converting Colors

$Y_{xy}(15.9652, 0.4183, 0.2758)$

Have a look what the booklet for
Yxy(15.9652, 0.4183, 0.2758)
contains.

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Color

Yxy(15.9675, 0.4181, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	B34C72
RGB	179, 76, 114
RGB Percent	70%, 30%, 45%
CMY	0.2982, 0.7018, 0.5530
CMYK	0.00, 0.58, 0.36, 0.30
HSL	338°, 40%, 50%
HSV	338°, 58%, 70%
XYZ	24.2060, 15.9675, 17.7217
YIQ	111.1290, 49.1900, 33.6540

Conversions

Conversions Part 2

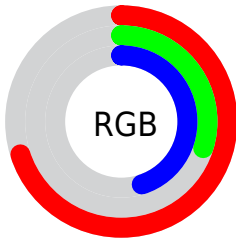
Format	Color
RYB	179, 76, 114
Decimal	11750514
CIELab	46.93, 45.67, -0.69
CIElCh	47, 45.678, 359.129
Yxy	15.9675, 0.4181, 0.2758
Android (android.graphics.Color)	4289940594 (0xFFB34C72)
YUV	111.1290, 1.4154, 59.5229
Hunter-Lab	39.9594, 38.2002, 1.6768

Details

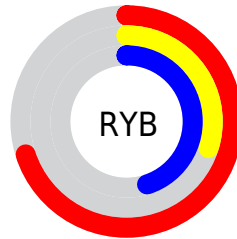
The Yxy color **15.9675, 0.4181, 0.2758** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **35.6889, 0.2644, 0.3947**, and the grayscale version is **15.9236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6308, 0.3932, 0.2881**, and **5.1046, 0.4666, 0.2533** is the 20% darker color. If you saturate the color by 10%, you get **13.5931, 0.4479, 0.2702**, and if you desaturate by 10%, it is **19.0613, 0.3916, 0.2839**.

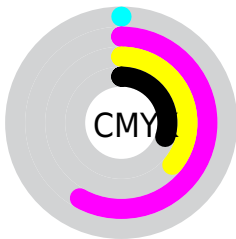
Distribution



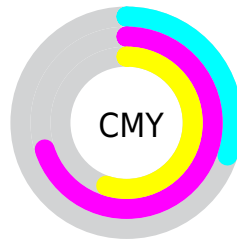
- Red (70%)
- Green (30%)
- Blue (45%)



- Red (70%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (36%)
- Black (30%)




- Cyan (30%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9675, 0.4181, 0.2758 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 15.9675, 0.4181, 0.2758 by changing the saturation by 10% instead.


 15.9675, 0.4181,
0.2758


 15.9675, 0.4181,
0.2758

229.1499, 0.3565,
0.3068

 9.5012, 0.4374,
0.2662


 36.5418, 0.3931,
0.2883


 5.0695, 0.4650,
0.2524

 51.4185, 0.3846,
0.2926


 2.2881, 0.5076,
0.2313

 69.8675, 0.3776,
0.2961

 0.7674, 0.5815,
0.1944

 92.2731, 0.3719,
0.2990

 0.0000, 1.0000,
0.0000

 119.0197, 0.3671,
0.3014

 0.0000, 0.0000,
0.0000

150.4918, 0.3631,

0.3035

187.0737, 0.3596,
0.3053

■ 15.9675, 0.4181,
0.2758

■ 15.9675, 0.4181,
0.2758

■ 13.5931, 0.4479,
0.2702

■ 19.0613, 0.3916,
0.2839

■ 11.8759, 0.4799,
0.2681

■ 22.9248, 0.3689,
0.2932

■ 10.7476, 0.5122,
0.2708

■ 27.6068, 0.3498,
0.3031

■ 10.1036, 0.5425,
0.2782

■ 33.1511, 0.3340,
0.3129

■ 9.9731, 0.5498,
0.2803

■ 39.5985, 0.3209,
0.3223

■ 46.9872, 0.3103,
0.3311

■ 55.3531, 0.3015,
0.3393

■ 64.7303, 0.2943,
0.3469

■ 75.1512, 0.2883,
0.3538

Harmonies

Analogous

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



15.9675, 0.3251, 0.2282



15.9675, 0.4181, 0.2758



15.9675, 0.4811, 0.3354

Triad

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



15.9675, 0.4181, 0.2758



15.9675, 0.3658, 0.4974



15.9675, 0.1621, 0.2236

Complementary

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



15.9675, 0.4181, 0.2758



35.6889, 0.2644, 0.3947

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.



15.9675, 0.1688, 0.2862



15.9675, 0.4181, 0.2758



15.9675, 0.2807, 0.4718

Square

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



15.9675, 0.4181, 0.2758



15.9675, 0.4415, 0.4610



15.9675, 0.2091, 0.3824



15.9675, 0.1861, 0.1974

Rectangle

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



15.9675, 0.4181, 0.2758



15.9675, 0.4916, 0.3780



15.9675, 0.2091, 0.3824



15.9675, 0.1608, 0.2401

Sweetspot

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



15.9683, 0.4181, 0.2758



59.6403, 0.3337, 0.3131



13.9602, 0.2695, 0.1754



12.7488, 0.3365, 0.3112



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



15.9683, 0.4181, 0.2758



23.4284, 0.4562, 0.2692



17.0890, 0.4735, 0.3461



8.5554, 0.3231, 0.3206



7.0619, 0.5468, 0.2786



0.2337, 0.4700, 0.2363

Inverse Universe

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



15.9683, 0.4181, 0.2758



23.4284, 0.4562, 0.2692



32.4138, 0.2376, 0.3090



8.5554, 0.3231, 0.3206



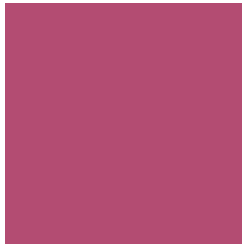
7.0619, 0.5468, 0.2786



0.2337, 0.4700, 0.2363

Previews

White Background



This preview shows how the Yxy color 15.9675, 0.4181, 0.2758 looks on a white background.

Color Contrast Check

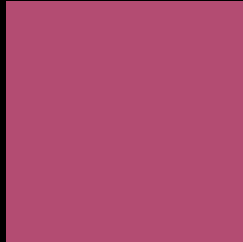
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9675, 0.4181, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

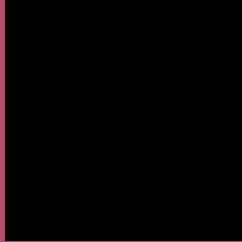
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9675, 0.4181, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 15.9675, 0.4181, 0.2758.



This preview shows how white text looks on a background with the Yxy color 15.9675, 0.4181, 0.2758.

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

15.9675, 0.4181, 0.2758

Protanopia

16.2106, 0.2778, 0.2802

Deuteranopia

16.1143, 0.3336, 0.3271



Tritanopia

15.9201, 0.4595, 0.3210

Trichromacy



Original Color

15.9675, 0.4181, 0.2758

Protanomaly

15.2804, 0.3224, 0.2746

Deuteranomaly

15.4427, 0.3635, 0.3026

Tritanomaly

15.9200, 0.4450, 0.3039

Monochromacy



Original Color

15.9675, 0.4181, 0.2758

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.1395, 0.3495, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9675, 0.4181, 0.2758 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(179, 76, 114)` looks like.

```
.text, #text, p{  
    color:rgb(179, 76, 114)  
}
```

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(179, 76, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 76, 114) }
```

Border

The CSS property to change the border of an element to Yxy 15.9675, 0.4181, 0.2758 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(179, 76, 114) }
```

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

```
.border{ border-color:rgb(179, 76, 114) }
```

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

Here you see how a box with a 4 pixel rgb(179, 76, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 76, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 76, 114);  
box-shadow:4px 4px 4px 4px rgb(179, 76,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9675, 0.4181, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 76, 114) }
```

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

```
.background{ background-color: rgb(179, 76,  
114) }
```

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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