

Converting Colors

$Yxy(16.0119, 0.4641, 0.2687)$

Have a look what the booklet for
Yxy(16.0119, 0.4641, 0.2687)
contains.

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Color

Yxy(16.0532, 0.4647, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	C7386C
RGB	199, 56, 108
RGB Percent	78%, 22%, 42%
CMY	0.2197, 0.7803, 0.5766
CMYK	0.00, 0.72, 0.46, 0.22
HSL	338°, 56%, 50%
HSV	338°, 72%, 78%
XYZ	27.6703, 16.0532, 15.8210
YIQ	104.6850, 68.5360, 46.4880

Conversions

Conversions Part 2

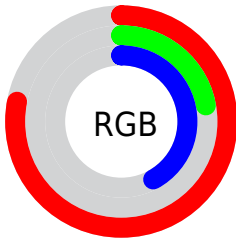
Format	Color
R_{YB}	199, 56, 108
Decimal	13056108
CIE _{Lab}	47.04, 59.64, 3.55
CIE _{LCh}	47, 59.745, 3.409
Yxy	16.0532, 0.4647, 0.2696
Android (android.graphics.Color)	4291246188 (0xFFC7386C)
YUV	104.6850, 1.6343, 82.7143
Hunter-Lab	40.0664, 53.1578, 4.6348

Details

The Yxy color **16.0532, 0.4647, 0.2696** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **43.7899, 0.2584, 0.4141**, and the grayscale version is **14.0222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7978, 0.4240, 0.2837**, and **5.9124, 0.5178, 0.2626** is the 20% darker color. If you saturate the color by 10%, you get **14.2420, 0.4977, 0.2699**, and if you desaturate by 10%, it is **18.6717, 0.4331, 0.2736**.

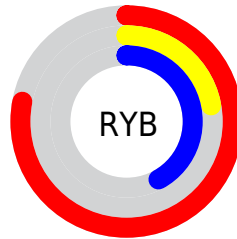
Distribution



Red (78%)

Green (22%)

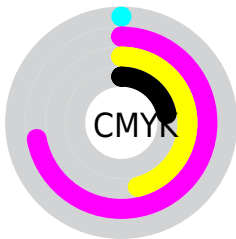
Blue (42%)



Red (78%)

Yellow (22%)

Blue (42%)

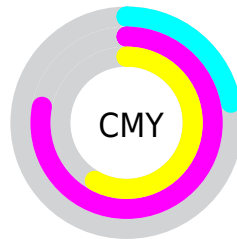


Cyan (0%)

Magenta (72%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (78%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0532, 0.4647, 0.2696 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 16.0532, 0.4647, 0.2696 by changing the saturation by 10% instead.


 16.0532, 0.4647,
0.2696


 16.0532, 0.4647,
0.2696


229.6554, 0.3760,
0.3051


 9.5618, 0.4920,
0.2583


 36.6905, 0.4289,
0.2842


 5.1094, 0.5307,
0.2419

 51.6053, 0.4165,
0.2891

 2.3116, 0.5885,
0.2168

 70.0966, 0.4065,
0.2931

 0.7798, 0.6887,
0.1758

 92.5488, 0.3983,
0.2964

 0.0000, 1.0000,
0.0000

 119.3465, 0.3914,
0.2991

 0.0000, 0.0000,
0.0000

150.8738, 0.3855,

0.3014

187.5154, 0.3804,
0.3034

■ 16.0532, 0.4647,
0.2696

■ 16.0532, 0.4647,
0.2696

■ 14.2420, 0.4977,
0.2699

■ 18.6717, 0.4331,
0.2736

■ 13.1368, 0.5297,
0.2752

■ 22.1774, 0.4045,
0.2806

■ 12.6120, 0.5538,
0.2824

■ 26.6437, 0.3796,
0.2893

■ 32.1353, 0.3585,
0.2990

■ 38.7113, 0.3409,
0.3088

■ 46.4265, 0.3265,
0.3184

■ 55.3315, 0.3146,
0.3274

■ 65.4744, 0.3050,
0.3358

■ 76.9002, 0.2970,
0.3436

Harmonies

Analogous

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



16.0532, 0.3439, 0.2112



16.0532, 0.4647, 0.2696



16.0532, 0.5351, 0.3396

Triad

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



16.0532, 0.4647, 0.2696



16.0532, 0.3550, 0.5501



16.0532, 0.1312, 0.1883

Complementary

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



16.0532, 0.4647, 0.2696



43.7899, 0.2584, 0.4141

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.



16.0532, 0.1318, 0.2548



16.0532, 0.4647, 0.2696



16.0532, 0.2515, 0.5103

Square

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



16.0532, 0.4647, 0.2696



16.0532, 0.4537, 0.4966



16.0532, 0.1705, 0.3772



16.0532, 0.1638, 0.1658

Rectangle

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



16.0532, 0.4647, 0.2696



16.0532, 0.5361, 0.3898



16.0532, 0.1705, 0.3772



16.0532, 0.1277, 0.2048

Sweetspot

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



16.0541, 0.4647, 0.2696



67.1903, 0.3417, 0.3083



13.1180, 0.2571, 0.1424



13.6672, 0.3463, 0.3056



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.



16.0541, 0.4647, 0.2696



23.7503, 0.5153, 0.2721



17.4711, 0.5361, 0.3497



10.6996, 0.3234, 0.3206



8.1265, 0.5502, 0.2805



0.3987, 0.4924, 0.2486

Inverse Universe

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



16.0541, 0.4647, 0.2696



23.7503, 0.5153, 0.2721



37.5770, 0.2249, 0.2992



10.6996, 0.3234, 0.3206



8.1265, 0.5502, 0.2805



0.3987, 0.4924, 0.2486

Previews

White Background



This preview shows how the Yxy color 16.0532, 0.4647, 0.2696 looks on a white background.

Color Contrast Check

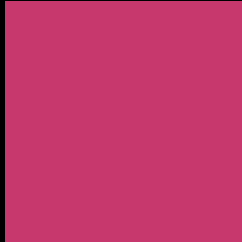
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0532, 0.4647, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

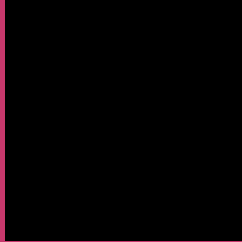
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0532, 0.4647, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 16.0532, 0.4647, 0.2696.



This preview shows how white text looks on a background with the Yxy color 16.0532, 0.4647, 0.2696.

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

16.0532, 0.4647, 0.2696

Protanopia

16.2656, 0.2725, 0.2729

Deuteranopia

16.1767, 0.3488, 0.3427



Tritanopia

16.0806, 0.5257, 0.3253

Trichromacy



Original Color

16.0532, 0.4647, 0.2696

Protanomaly

14.5297, 0.3320, 0.2638

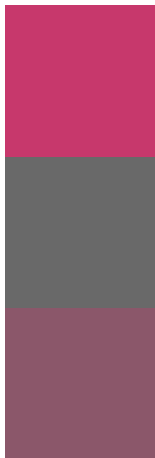
Deuteranomaly

14.9165, 0.3913, 0.3039

Tritanomaly

16.0755, 0.5058, 0.3060

Monochromacy



Original Color

16.0532, 0.4647, 0.2696

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.3460, 0.3674, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0532, 0.4647, 0.2696 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(199, 56, 108)` looks like.

```
.text, #text, p{  
    color:rgb(199, 56, 108)  
}
```

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(199, 56, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 56, 108) }
```

Border

The CSS property to change the border of an element to Yxy 16.0532, 0.4647, 0.2696 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(199, 56, 108) }
```

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

```
.border{ border-color:rgb(199, 56, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 56, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 56, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 56, 108); box-shadow:4px 4px 4px 4px rgb(199, 56, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0532, 0.4647, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 56, 108) }
```

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

```
.background{ background-color: rgb(199, 56,  
108) }
```

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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