

Converting Colors

$Y_{xy}(18.8708, 0.4607, 0.2986)$

Have a look what the booklet for
Yxy(18.8708, 0.4607, 0.2986)
contains.

Yxy(18.8708, 0.4607, 0.2986)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.8708, 0.4607, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	C84F68
RGB	200, 79, 104
RGB Percent	78%, 31%, 41%
CMY	0.2157, 0.6902, 0.5921
CMYK	0.00, 0.60, 0.48, 0.22
HSL	348°, 52%, 55%
HSV	348°, 60%, 78%
XYZ	29.1151, 18.8708, 15.2117
YIQ	118.0290, 64.0910, 33.4270

Conversions

Conversions Part 2

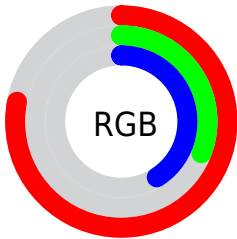
Format	Color
R _Y B	200, 79, 104
Decimal	13127528
CIE Lab	50.54, 50.26, 10.94
CIE LCh	51, 51.437, 12.279
Yxy	18.8708, 0.4607, 0.2986
Android (android.graphics.Color)	4291317608 (0xFFC84F68)
YUV	118.0290, -6.9163, 71.8886
Hunter-Lab	43.4405, 43.6150, 9.6467

Details

The Yxy color **18.8708, 0.4607, 0.2986** 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 **46.0650, 0.2520, 0.3672**, and the grayscale version is **18.1345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4016, 0.4213, 0.3065**, and **6.4239, 0.5230, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **16.1149, 0.5008, 0.2972**, and if you desaturate by 10%, it is **22.5571, 0.4242, 0.3022**.

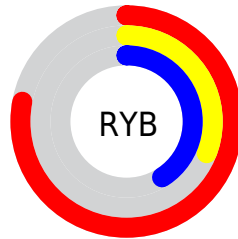
Distribution



Red (78%)

Green (31%)

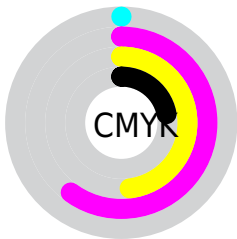
Blue (41%)



Red (78%)

Yellow (31%)

Blue (41%)

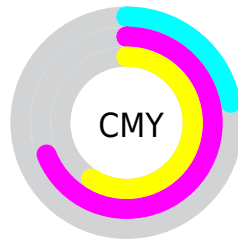


Cyan (0%)

Magenta (60%)

Yellow (48%)

Black (22%)



Cyan (22%)


Magenta (69%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.8708, 0.4607, 0.2986 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 18.8708, 0.4607, 0.2986 by changing the saturation by 10% instead.


 18.8708, 0.4607,
0.2986


 18.8708, 0.4607,
0.2986


245.7346, 0.3754,
0.3184


 11.5770, 0.4863,
0.2915


 41.5157, 0.4266,
0.3072


 6.4563, 0.5221,
0.2809


 57.6355, 0.4148,
0.3100


 3.1245, 0.5747,
0.2634

 77.4661, 0.4052,
0.3121

 1.1971, 0.6659,
0.2349

 101.3919, 0.3972,
0.3139

 0.0593, 0.9584,
0.0416

 129.7972, 0.3904,
0.3153

 0.0000, 1.0000,
0.0000

163.0665, 0.3847,

 0.0000, 0.0000,

0.3165

0.0000

201.5842, 0.3797,
0.3175

■ 18.8708, 0.4607,
0.2986

■ 18.8708, 0.4607,
0.2986

■ 16.1149, 0.5008,
0.2972

■ 22.5571, 0.4242,
0.3022

■ 14.2024, 0.5416,
0.2990

■ 27.2444, 0.3928,
0.3071

■ 13.0350, 0.5786,
0.3044

■ 33.0001, 0.3665,
0.3126

■ 12.4419, 0.6068,
0.3116

■ 39.8847, 0.3450,
0.3182

■ 47.9542, 0.3275,
0.3237

■ 57.2610, 0.3133,
0.3288

■ 67.8541, 0.3019,
0.3335

■ 79.7802, 0.2926,
0.3378

■ 90.5024, 0.2847,
0.3375

Harmonies

Analogous

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



18.8708, 0.3699, 0.2425



18.8708, 0.4607, 0.2986



18.8708, 0.5019, 0.3634

Triad

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



18.8708, 0.4607, 0.2986



18.8708, 0.3279, 0.5073



18.8708, 0.1617, 0.2013

Complementary

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



18.8708, 0.4607, 0.2986



46.0650, 0.2520, 0.3672

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.



18.8708, 0.1542, 0.2487



18.8708, 0.4607, 0.2986



18.8708, 0.2416, 0.4458

Square

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



18.8708, 0.4607, 0.2986



18.8708, 0.4148, 0.4904



18.8708, 0.1799, 0.3374



18.8708, 0.2006, 0.1886

Rectangle

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



18.8708, 0.4607, 0.2986



18.8708, 0.4939, 0.4086



18.8708, 0.1799, 0.3374



18.8708, 0.1557, 0.2128

Sweetspot

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



18.8718, 0.4607, 0.2986



72.0031, 0.3407, 0.3195



18.7365, 0.2889, 0.1767



14.5848, 0.3464, 0.3178



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.



18.8718, 0.4607, 0.2986



26.5667, 0.5154, 0.2975



24.7180, 0.4693, 0.3722



10.6722, 0.3258, 0.3242



7.9217, 0.6036, 0.3099



0.3859, 0.5450, 0.2776

Inverse Universe

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



18.8718, 0.4607, 0.2986



26.5667, 0.5154, 0.2975



33.0023, 0.2273, 0.2754



10.6722, 0.3258, 0.3242



7.9217, 0.6036, 0.3099



0.3859, 0.5450, 0.2776

Previews

White Background



This preview shows how the Yxy color 18.8708, 0.4607, 0.2986 looks on a white 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

Black Background



This preview shows how the Yxy color 18.8708, 0.4607, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

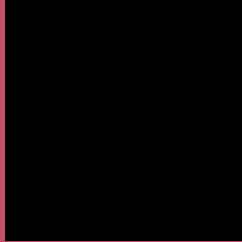
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.8708, 0.4607, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 18.8708, 0.4607, 0.2986.



This preview shows how white text looks on a background with the Yxy color 18.8708, 0.4607, 0.2986.

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

18.8708, 0.4607, 0.2986

Protanopia

19.0769, 0.3083, 0.3178

Deuteranopia

18.9481, 0.3676, 0.3615



Tritanopia

18.8648, 0.4851, 0.3235

Trichromacy



Original Color

18.8708, 0.4607, 0.2986

Protanomaly

17.8952, 0.3586, 0.3070

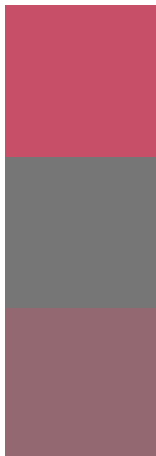
Deuteranomaly

18.3020, 0.4025, 0.3341

Tritanomaly

18.8173, 0.4763, 0.3148

Monochromacy



Original Color

18.8708, 0.4607, 0.2986

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3888, 0.3633, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8708, 0.4607, 0.2986 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(200, 79, 104)` looks like.

```
.text, #text, p{  
    color:rgb(200, 79, 104)  
}
```

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(200, 79, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 79, 104) }
```

Border

The CSS property to change the border of an element to Yxy 18.8708, 0.4607, 0.2986 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(200, 79, 104) }
```

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

```
.border{ border-color:rgb(200, 79, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 79, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 79, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 79, 104); box-shadow:4px 4px 4px 4px rgb(200, 79, 104) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8708, 0.4607, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 79, 104) }
```

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

```
.background{ background-color: rgb(200, 79,  
104) }
```

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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