

Converting Colors

$Y_{xy}(18.2909, 0.4498, 0.3018)$

Have a look what the booklet for
Yxy(18.2909, 0.4498, 0.3018)
contains.

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Color

Yxy(18.2203, 0.4508, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	C05267
RGB	192, 82, 103
RGB Percent	75%, 32%, 40%
CMY	0.2472, 0.6783, 0.5961
CMYK	0.00, 0.57, 0.46, 0.25
HSL	349°, 47%, 54%
HSV	349°, 57%, 75%
XYZ	27.1977, 18.2203, 14.9141
YIQ	117.2840, 58.8190, 29.8510

Conversions

Conversions Part 2

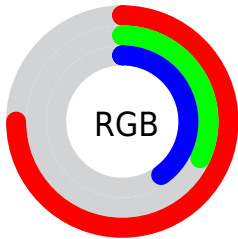
Format	Color
R_{YB}	192, 82, 103
Decimal	12604007
CIE _{Lab}	49.76, 46.03, 10.29
CIE _{LCh}	50, 47.162, 12.599
Yxy	18.2203, 0.4508, 0.3020
Android (android.graphics.Color)	4290794087 (0xFFC05267)
YUV	117.2840, -7.0420, 65.5259
Hunter-Lab	42.6852, 39.0355, 9.1639

Details

The Yxy color **18.2203, 0.4508, 0.3020** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **42.4216, 0.2531, 0.3618**, and the grayscale version is **17.8933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3565, 0.4188, 0.3093**, and **6.1377, 0.5105, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **15.4350, 0.4907, 0.3001**, and if you desaturate by 10%, it is **21.8753, 0.4152, 0.3058**.

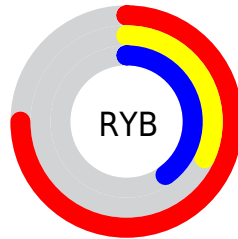
Distribution



Red (75%)

Green (32%)

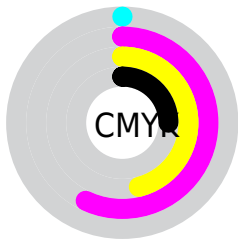
Blue (40%)



Red (75%)

Yellow (32%)

Blue (40%)

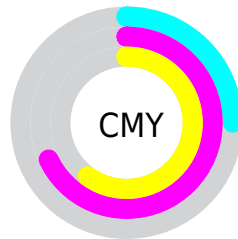


Cyan (0%)

Magenta (57%)

Yellow (46%)

Black (25%)



Cyan (25%)


Magenta (68%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2203, 0.4508, 0.3020 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 18.2203, 0.4508, 0.3020 by changing the saturation by 10% instead.


 18.2203, 0.4508,
0.3020


 18.2203, 0.4508,
0.3020


242.1098, 0.3707,
0.3197


 11.1083, 0.4752,
0.2956


 40.4124, 0.4186,
0.3097


 6.1397, 0.5096,
0.2858

 56.2612, 0.4075,
0.3122


 2.9302, 0.5609,
0.2695

 75.7910, 0.3985,
0.3142

 1.0954, 0.6549,
0.2435

 99.3863, 0.3910,
0.3157

 0.0000, 1.0000,
0.0000

 127.4315, 0.3847,
0.3170

 0.0000, 0.0000,
0.0000

160.3108, 0.3794,

0.3180

198.4088, 0.3747,
0.3189

■ 18.2203, 0.4508,
0.3020

■ 18.2203, 0.4508,
0.3020

■ 15.4350, 0.4907,
0.3001

■ 21.8753, 0.4152,
0.3058

■ 13.4439, 0.5322,
0.3008

■ 26.4616, 0.3849,
0.3105

■ 12.1634, 0.5713,
0.3049

■ 32.0383, 0.3598,
0.3156

■ 11.4754, 0.6030,
0.3119

■ 38.6590, 0.3393,
0.3207

■ 11.3335, 0.6104,
0.3136

■ 46.3734, 0.3228,
0.3256

■ 55.2280, 0.3093,
0.3302

■ 65.2664, 0.2984,
0.3344

■ 76.5303, 0.2896,
0.3383

■ 89.0590, 0.2823,
0.3417

Harmonies

Analogous

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



18.2203, 0.3673, 0.2483



18.2203, 0.4508, 0.3020



18.2203, 0.4892, 0.3639

Triad

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



18.2203, 0.4508, 0.3020



18.2203, 0.3275, 0.4931



18.2203, 0.1705, 0.2090

Complementary

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



18.2203, 0.4508, 0.3020



42.4216, 0.2531, 0.3618

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.



18.2203, 0.1633, 0.2542



18.2203, 0.4508, 0.3020



18.2203, 0.2464, 0.4354

Square

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



18.2203, 0.4508, 0.3020



18.2203, 0.4092, 0.4810



18.2203, 0.1880, 0.3365



18.2203, 0.2081, 0.1967

Rectangle

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



18.2203, 0.4508, 0.3020



18.2203, 0.4823, 0.4066



18.2203, 0.1880, 0.3365



18.2203, 0.1647, 0.2201

Sweetspot

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



18.2213, 0.4508, 0.3020



70.0665, 0.3394, 0.3207



18.3881, 0.2929, 0.1851



14.4772, 0.3432, 0.3197



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.



18.2213, 0.4508, 0.3020



26.8125, 0.5024, 0.3000



24.0768, 0.4552, 0.3730



10.1086, 0.3260, 0.3246



7.6378, 0.6077, 0.3121



0.3397, 0.5472, 0.2788

Inverse Universe

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



18.2213, 0.4508, 0.3020



26.8125, 0.5024, 0.3000



30.3920, 0.2305, 0.2759



10.1086, 0.3260, 0.3246



7.6378, 0.6077, 0.3121



0.3397, 0.5472, 0.2788

Previews

White Background



This preview shows how the Yxy color 18.2203, 0.4508, 0.3020 looks on a white background.

Color Contrast Check

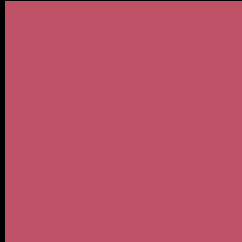
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2203, 0.4508, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

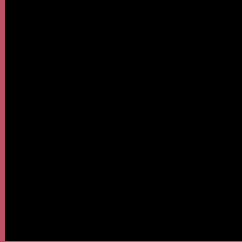
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2203, 0.4508, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 18.2203, 0.4508, 0.3020.



This preview shows how white text looks on a background with the Yxy color 18.2203, 0.4508, 0.3020.

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

18.2203, 0.4508, 0.3020

Protanopia

18.3551, 0.3106, 0.3214

Deuteranopia

18.3197, 0.3658, 0.3583



Tritanopia

18.1552, 0.4696, 0.3217

Trichromacy



Original Color

18.2203, 0.4508, 0.3020

Protanomaly

17.4519, 0.3572, 0.3117

Deuteranomaly

17.6919, 0.3976, 0.3326

Tritanomaly

18.0891, 0.4622, 0.3138

Monochromacy



Original Color

18.2203, 0.4508, 0.3020

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

16.9998, 0.3591, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2203, 0.4508, 0.3020 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(192, 82, 103)` looks like.

```
.text, #text, p{  
    color:rgb(192, 82, 103)  
}
```

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(192, 82, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 82, 103) }
```

Border

The CSS property to change the border of an element to Yxy 18.2203, 0.4508, 0.3020 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(192, 82, 103) }
```

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

```
.border{ border-color:rgb(192, 82, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 82, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 82, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 82, 103);  
box-shadow:4px 4px 4px 4px rgb(192, 82,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2203, 0.4508, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 82, 103) }
```

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

```
.background{ background-color: rgb(192, 82,  
103) }
```

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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