

Converting Colors

$Y_{xy}(19.6541, 0.4557, 0.2962)$

Have a look what the booklet for
Yxy(19.6541, 0.4557, 0.2962)
contains.

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Color

Yxy(19.6641, 0.4565, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	CB516C
RGB	203, 81, 108
RGB Percent	80%, 32%, 42%
CMY	0.2040, 0.6823, 0.5766
CMYK	0.00, 0.60, 0.47, 0.20
HSL	347°, 54%, 56%
HSV	347°, 60%, 80%
XYZ	30.2754, 19.6641, 16.3812
YIQ	120.5560, 64.0450, 34.2610

Conversions

Conversions Part 2

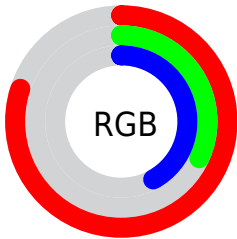
Format	Color
R_{YB}	203, 81, 108
Decimal	13324652
CIE _{Lab}	51.46, 50.72, 9.93
CIE _{LCh}	51, 51.679, 11.079
Yxy	19.6641, 0.4565, 0.2965
Android (android.graphics.Color)	4291514732 (0xFFCB516C)
YUV	120.5560, -6.1901, 72.3034
Hunter-Lab	44.3442, 44.2661, 9.1386

Details

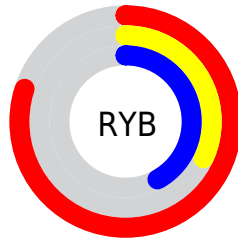
The Yxy color **19.6641, 0.4565, 0.2965** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **47.5942, 0.2531, 0.3697**, and the grayscale version is **18.9763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0911, 0.4159, 0.3043**, and **6.8400, 0.5147, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **16.7786, 0.4958, 0.2948**, and if you desaturate by 10%, it is **23.5144, 0.4209, 0.3005**.

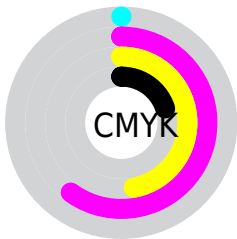
Distribution



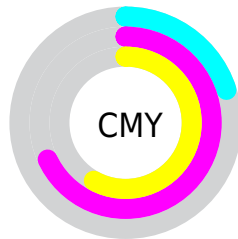
- Red (80%)
- Green (32%)
- Blue (42%)



- Red (80%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (47%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6641, 0.4565, 0.2965 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 19.6641, 0.4565, 0.2965 by changing the saturation by 10% instead.


 19.6641, 0.4565,
0.2965


 19.6641, 0.4565,
0.2965


250.0908, 0.3741,
0.3171


 12.1511, 0.4810,
0.2894


 42.8533, 0.4237,
0.3053


 6.8467, 0.5152,
0.2789


 59.2983, 0.4123,
0.3082

 3.3664, 0.5651,
0.2620

 79.4894, 0.4030,
0.3105

 1.3259, 0.6461,
0.2332

 103.8111, 0.3953,
0.3123

 0.1611, 0.9041,
0.0959

 132.6477, 0.3887,
0.3138

 0.0000, 1.0000,
0.0000

166.3836, 0.3832,

 0.0000, 0.0000,

0.3151

0.0000

205.4032, 0.3783,
0.3162

■ 19.6641, 0.4565,
0.2965

■ 19.6641, 0.4565,
0.2965

■ 16.7786, 0.4958,
0.2948

■ 23.5144, 0.4209,
0.3005

■ 14.7682, 0.5362,
0.2964

■ 28.4021, 0.3902,
0.3058

■ 13.5320, 0.5732,
0.3017

■ 34.3968, 0.3647,
0.3117

■ 12.8839, 0.6031,
0.3096

■ 41.5607, 0.3437,
0.3177

■ 49.9517, 0.3266,
0.3235

■ 59.6238, 0.3128,
0.3290

■ 70.6276, 0.3016,
0.3340

■ 83.0111, 0.2925,
0.3386

■ 91.1357, 0.2846,
0.3338

Harmonies

Analogous

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



19.6641, 0.3655, 0.2412



19.6641, 0.4565, 0.2965



19.6641, 0.4999, 0.3607

Triad

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



19.6641, 0.4565, 0.2965



19.6641, 0.3315, 0.5063



19.6641, 0.1618, 0.2034

Complementary

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



19.6641, 0.4565, 0.2965



47.5942, 0.2531, 0.3697

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.



19.6641, 0.1557, 0.2522



19.6641, 0.4565, 0.2965



19.6641, 0.2454, 0.4485

Square

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



19.6641, 0.4565, 0.2965



19.6641, 0.4174, 0.4874



19.6641, 0.1827, 0.3416



19.6641, 0.1993, 0.1895

Rectangle

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



19.6641, 0.4565, 0.2965



19.6641, 0.4937, 0.4056



19.6641, 0.1827, 0.3416



19.6641, 0.1563, 0.2154

Sweetspot

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



19.6652, 0.4565, 0.2965



72.0374, 0.3403, 0.3188



19.2587, 0.2868, 0.1765



14.5930, 0.3458, 0.3171



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.



19.6652, 0.4565, 0.2965



26.9870, 0.5075, 0.2949



25.2218, 0.4699, 0.3695



11.2536, 0.3256, 0.3239



8.2113, 0.5999, 0.3078



0.4354, 0.5438, 0.2769

Inverse Universe

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



19.6652, 0.4565, 0.2965



26.9870, 0.5075, 0.2949



34.9859, 0.2284, 0.2791



11.2536, 0.3256, 0.3239



8.2113, 0.5999, 0.3078



0.4354, 0.5438, 0.2769

Previews

White Background



This preview shows how the Yxy color 19.6641, 0.4565, 0.2965 looks on a white background.

Color Contrast Check

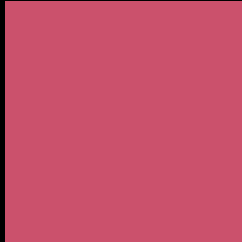
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6641, 0.4565, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

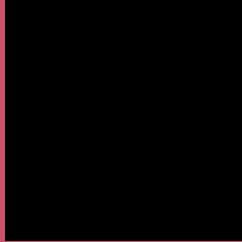
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6641, 0.4565, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 19.6641, 0.4565, 0.2965.



This preview shows how white text looks on a background with the Yxy color 19.6641, 0.4565, 0.2965.

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

19.6641, 0.4565, 0.2965

Protanopia

19.7417, 0.3050, 0.3143

Deuteranopia

19.6670, 0.3642, 0.3575



Tritanopia

19.6354, 0.4821, 0.3223

Trichromacy



Original Color

19.6641, 0.4565, 0.2965

Protanomaly

18.5959, 0.3551, 0.3040

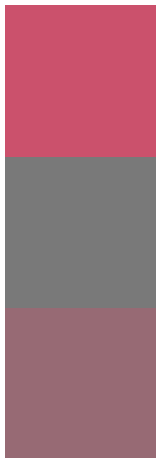
Deuteranomaly

18.9951, 0.3982, 0.3308

Tritanomaly

19.6061, 0.4719, 0.3125

Monochromacy



Original Color

19.6641, 0.4565, 0.2965

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.1483, 0.3624, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6641, 0.4565, 0.2965 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(203, 81, 108)` looks like.

```
.text, #text, p{  
    color:rgb(203, 81, 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(203, 81, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 81, 108) }
```

Border

The CSS property to change the border of an element to Yxy 19.6641, 0.4565, 0.2965 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(203, 81, 108) }
```

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

```
.border{ border-color:rgb(203, 81, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 81, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 81, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 81, 108);  
box-shadow:4px 4px 4px 4px rgb(203, 81,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6641, 0.4565, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 81, 108) }
```

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

```
.background{ background-color: rgb(203, 81,  
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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