

Converting Colors

$Yxy(18.5454, 0.4220, 0.2861)$

Have a look what the booklet for
Yxy(18.5454, 0.4220, 0.2861)
contains.

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Color

Yxy(18.6002, 0.4221, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	BD5575
RGB	189, 85, 117
RGB Percent	74%, 33%, 46%
CMY	0.2589, 0.6666, 0.5412
CMYK	0.00, 0.55, 0.38, 0.26
HSL	342°, 44%, 54%
HSV	342°, 55%, 74%
XYZ	27.4420, 18.6002, 18.9708
YIQ	119.7440, 51.7120, 32.0000

Conversions

Conversions Part 2

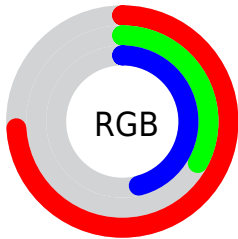
Format	Color
R_{YB}	189, 85, 117
Decimal	12408181
CIE _{Lab}	50.22, 45.05, 2.46
CIE _{LCh}	50, 45.120, 3.127
Yxy	18.6002, 0.4221, 0.2861
Android (android.graphics.Color)	4290598261 (0xFFBD5575)
YUV	119.7440, -1.3528, 60.7375
Hunter-Lab	43.1279, 38.1042, 4.1096

Details

The Yxy color **18.6002, 0.4221, 0.2861** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **40.7546, 0.2618, 0.3806**, and the grayscale version is **18.6903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9980, 0.3968, 0.2960**, and **6.3152, 0.4683, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **15.7250, 0.4548, 0.2812**, and if you desaturate by 10%, it is **22.3149, 0.3934, 0.2930**.

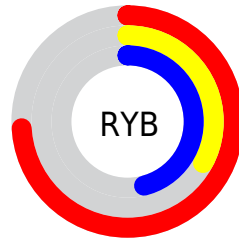
Distribution



Red (74%)

Green (33%)

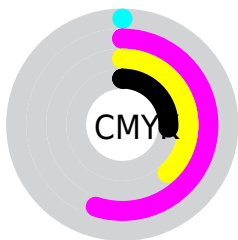
Blue (46%)



Red (74%)

Yellow (33%)

Blue (46%)

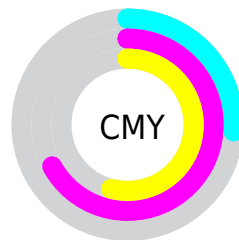


Cyan (0%)

Magenta (55%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (67%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6002, 0.4221, 0.2861 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 18.6002, 0.4221, 0.2861 by changing the saturation by 10% instead.


 18.6002, 0.4221,
0.2861


 18.6002, 0.4221,
0.2861


244.2327, 0.3592,
0.3112


 11.3818, 0.4412,
0.2783


 41.0574, 0.3969,
0.2963


 6.3242, 0.4681,
0.2671


 57.0650, 0.3882,
0.2997


 3.0432, 0.5086,
0.2501

 76.7711, 0.3811,
0.3026

 1.1543, 0.5752,
0.2212

 100.5600, 0.3752,
0.3049

 0.0239, 0.9797,
0.0203

 128.8163, 0.3703,
0.3068

 0.0000, 1.0000,
0.0000

161.9242, 0.3660,

 0.0000, 0.0000,

0.3085

0.0000

200.2682, 0.3624,
0.3099

■ 18.6002, 0.4221,
0.2861

■ 18.6002, 0.4221,
0.2861

■ 15.7250, 0.4548,
0.2812

■ 22.3149, 0.3934,
0.2930

■ 13.6198, 0.4902,
0.2795

■ 26.9256, 0.3691,
0.3010

■ 12.2089, 0.5260,
0.2820

■ 32.4872, 0.3488,
0.3093

■ 11.3988, 0.5589,
0.2892

■ 39.0492, 0.3322,
0.3175

■ 11.1232, 0.5740,
0.2936

■ 46.6578, 0.3186,
0.3253

■ 55.3563, 0.3075,
0.3326

■ 65.1855, 0.2984,
0.3393

■ 76.1842, 0.2910,
0.3454

■ 88.3215, 0.2849,
0.3509

Harmonies

Analogous

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



18.6002, 0.3366, 0.2384



18.6002, 0.4221, 0.2861



18.6002, 0.4751, 0.3442

Triad

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



18.6002, 0.4221, 0.2861



18.6002, 0.3534, 0.4876



18.6002, 0.1708, 0.2245

Complementary

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



18.6002, 0.4221, 0.2861



40.7546, 0.2618, 0.3806

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.



18.6002, 0.1735, 0.2795



18.6002, 0.4221, 0.2861



18.6002, 0.2731, 0.4534

Square

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



18.6002, 0.4221, 0.2861



18.6002, 0.4272, 0.4613



18.6002, 0.2081, 0.3665



18.6002, 0.1979, 0.2029

Rectangle

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



18.6002, 0.4221, 0.2861



18.6002, 0.4806, 0.3853



18.6002, 0.2081, 0.3665



18.6002, 0.1683, 0.2388

Sweetspot

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



18.6012, 0.4221, 0.2861



67.1323, 0.3356, 0.3157



17.2479, 0.2798, 0.1845



13.9164, 0.3389, 0.3141



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



18.6012, 0.4221, 0.2861



27.2898, 0.4618, 0.2805



21.3898, 0.4578, 0.3550



9.5834, 0.3241, 0.3220



7.4978, 0.5706, 0.2917



0.3058, 0.5006, 0.2532

Inverse Universe

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



18.6012, 0.4221, 0.2861



27.2898, 0.4618, 0.2805



34.3262, 0.2374, 0.2986



9.5834, 0.3241, 0.3220



7.4978, 0.5706, 0.2917



0.3058, 0.5006, 0.2532

Previews

White Background



This preview shows how the Yxy color 18.6002, 0.4221, 0.2861 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 18.6002, 0.4221, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

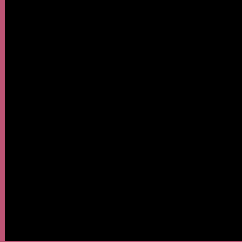
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.6002, 0.4221, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 18.6002, 0.4221, 0.2861.



This preview shows how white text looks on a background with the Yxy color 18.6002, 0.4221, 0.2861.

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

18.6002, 0.4221, 0.2861

Protanopia

18.7817, 0.2903, 0.2955

Deuteranopia

18.8115, 0.3426, 0.3364



Tritanopia

18.5358, 0.4529, 0.3213

Trichromacy



Original Color

18.6002, 0.4221, 0.2861

Protanomaly

17.9667, 0.3321, 0.2894

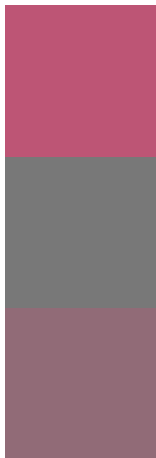
Deuteranomaly

18.2866, 0.3712, 0.3142

Tritanomaly

18.6501, 0.4420, 0.3090

Monochromacy



Original Color

18.6002, 0.4221, 0.2861

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.8670, 0.3496, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6002, 0.4221, 0.2861 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(189, 85, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 85, 117)  
}
```

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(189, 85, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 85, 117) }
```

Border

The CSS property to change the border of an element to Yxy 18.6002, 0.4221, 0.2861 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(189, 85, 117) }
```

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

```
.border{ border-color:rgb(189, 85, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 85, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 85, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 85, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 85,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6002, 0.4221, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 85, 117) }
```

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

```
.background{ background-color: rgb(189, 85,  
117) }
```

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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