

Converting Colors

$Yxy(19.5414, 0.3689, 0.2703)$

Have a look what the booklet for
Yxy(19.5414, 0.3689, 0.2703)
contains.

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Color

Yxy(19.5856, 0.3691, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	B06189
RGB	176, 97, 137
RGB Percent	69%, 38%, 54%
CMY	0.3098, 0.6196, 0.4627
CMYK	0.00, 0.45, 0.22, 0.31
HSL	330°, 33%, 54%
HSV	330°, 45%, 69%
XYZ	26.6951, 19.5856, 26.0442
YIQ	125.1810, 34.2440, 29.1880

Conversions

Conversions Part 2

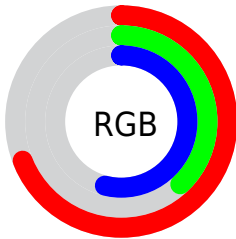
Format	Color
R_{YB}	176, 97, 137
Decimal	11559305
CIE _{Lab}	51.37, 37.07, -8.00
CIE _{LCh}	51, 37.928, 347.819
Yxy	19.5856, 0.3691, 0.2708
Android (android.graphics.Color)	4289749385 (0xFFB06189)
YUV	125.1810, 5.8268, 44.5683
Hunter-Lab	44.2556, 30.2245, -3.9129

Details

The Yxy color **19.5856, 0.3691, 0.2708** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **35.3698, 0.2795, 0.3971**, and the grayscale version is **20.5444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5362, 0.3570, 0.2830**, and **6.7861, 0.3909, 0.2497** is the 20% darker color. If you saturate the color by 10%, you get **16.4475, 0.3881, 0.2590**, and if you desaturate by 10%, it is **23.4672, 0.3526, 0.2838**.

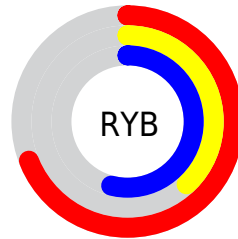
Distribution



Red (69%)

Green (38%)

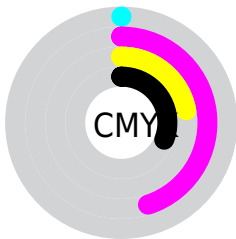
Blue (54%)



Red (69%)

Yellow (38%)

Blue (54%)

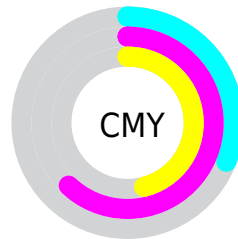


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (31%)



Cyan (31%)


Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5856, 0.3691, 0.2708 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 19.5856, 0.3691, 0.2708 by changing the saturation by 10% instead.


 19.5856, 0.3691,
0.2708

 19.5856, 0.3691,
0.2708


249.6628, 0.3376,
0.3028


 12.0942, 0.3783,
0.2618


 42.7213, 0.3567,
0.2832

 6.8078, 0.3911,
0.2494


 59.1344, 0.3524,
0.2876

 3.3422, 0.4099,
0.2317

 79.2901, 0.3488,
0.2912

 1.3129, 0.4404,
0.2041

 103.5730, 0.3458,
0.2943

 0.1512, 0.5492,
0.0779

132.3672, 0.3433,
0.2969

 0.0000, 0.0000,
0.0000

166.0574, 0.3411,

0.2991

205.0278, 0.3392,
0.3010

■ 19.5856, 0.3691,
0.2708

■ 19.5856, 0.3691,
0.2708

■ 16.4475, 0.3881,
0.2590

■ 23.4672, 0.3526,
0.2838

■ 14.0013, 0.4095,
0.2494

■ 28.1337, 0.3386,
0.2972

■ 12.1933, 0.4326,
0.2433


■ 33.6269, 0.3267,
0.3104


■ 10.9605, 0.4567,
0.2418

■ 39.9848, 0.3169,
0.3231

■ 10.2262, 0.4804,
0.2456

■ 47.2428, 0.3087,
0.3350

 9.9537, 0.4925,
0.2487

 55.4346, 0.3020,
0.3461

 64.5921, 0.2964,
0.3563

 74.7455, 0.2917,
0.3657

 85.6662, 0.2879,
0.3739

Harmonies

Analogous

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



19.5856, 0.2966, 0.2365



19.5856, 0.3691, 0.2708



19.5856, 0.4296, 0.3180

Triad

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



19.5856, 0.3691, 0.2708



19.5856, 0.3827, 0.4551



19.5856, 0.1895, 0.2626

Complementary

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



19.5856, 0.3691, 0.2708



35.3698, 0.2795, 0.3971

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.



19.5856, 0.2067, 0.3239



19.5856, 0.3691, 0.2708



19.5856, 0.3157, 0.4508

Square

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



19.5856, 0.3691, 0.2708



19.5856, 0.4342, 0.4211



19.5856, 0.2514, 0.3984



19.5856, 0.1998, 0.2286

Rectangle

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



19.5856, 0.3691, 0.2708



19.5856, 0.4504, 0.3530



19.5856, 0.2514, 0.3984



19.5856, 0.1921, 0.2803

Sweetspot

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



19.5865, 0.3691, 0.2708



62.7887, 0.3250, 0.3125



16.8508, 0.2694, 0.2051



13.0991, 0.3273, 0.3097



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



19.5865, 0.3691, 0.2708



29.7997, 0.3882, 0.2589



18.6680, 0.4279, 0.3274



8.5747, 0.3211, 0.3175



7.3150, 0.4902, 0.2474



0.2419, 0.4310, 0.2148

Inverse Universe

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



19.5865, 0.3691, 0.2708



29.7997, 0.3882, 0.2589



36.6752, 0.2541, 0.3309



8.5747, 0.3211, 0.3175



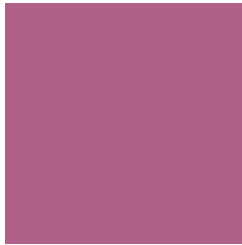
7.3150, 0.4902, 0.2474



0.2419, 0.4310, 0.2148

Previews

White Background



This preview shows how the Yxy color 19.5856, 0.3691, 0.2708 looks on a white background.

Color Contrast Check

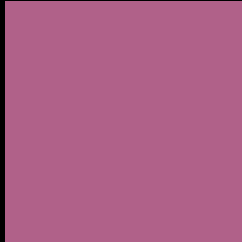
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5856, 0.3691, 0.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

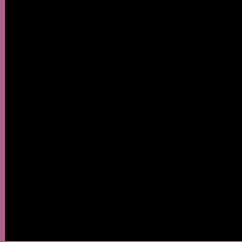
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5856, 0.3691, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 19.5856, 0.3691, 0.2708.



This preview shows how white text looks on a background with the Yxy color 19.5856, 0.3691, 0.2708.

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

19.5856, 0.3691, 0.2708

Protanopia

19.8638, 0.2726, 0.2737

Deuteranopia

19.6329, 0.3102, 0.3039



Tritanopia

19.5128, 0.4031, 0.3172

Trichromacy



Original Color

19.5856, 0.3691, 0.2708

Protanomaly

19.2352, 0.3030, 0.2713

Deuteranomaly

19.2932, 0.3315, 0.2904

Tritanomaly

19.4691, 0.3905, 0.2992

Monochromacy



Original Color

19.5856, 0.3691, 0.2708

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7757, 0.3332, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5856, 0.3691, 0.2708 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(176, 97, 137)` looks like.

```
.text, #text, p{  
    color:rgb(176, 97, 137)  
}
```

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(176, 97, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 97, 137) }
```

Border

The CSS property to change the border of an element to Yxy 19.5856, 0.3691, 0.2708 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(176, 97, 137) }
```

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

```
.border{ border-color:rgb(176, 97, 137) }
```

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

Here you see how a box with a 4 pixel rgb(176, 97, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 97, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 97, 137);  
box-shadow:4px 4px 4px 4px rgb(176, 97,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5856, 0.3691, 0.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 97, 137) }
```

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

```
.background{ background-color: rgb(176, 97,  
137) }
```

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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