

Converting Colors

$Y_{xy}(19.3525, 0.3231, 0.1991)$

Have a look what the booklet for
Yxy(19.3525, 0.3231, 0.1991)
contains.

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Color

Yxy(19.4085, 0.3238, 0.1996)

Conversions

Conversions Part 1

Format	Color
Hex	BA4FB6
RGB	186, 79, 182
RGB Percent	73%, 31%, 71%
CMY	0.2707, 0.6901, 0.2863
CMYK	0.00, 0.58, 0.02, 0.27
HSL	302°, 44%, 52%
HSV	302°, 58%, 73%
XYZ	31.4853, 19.4085, 46.3431
YIQ	122.7350, 30.7090, 54.7170

Conversions

Conversions Part 2

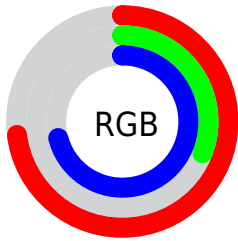
Format	Color
R_{YB}	186, 79, 182
Decimal	12210102
CIE _{Lab}	51.16, 56.47, -34.65
CIE _{LCh}	51, 66.252, 328.469
Yxy	19.4085, 0.3238, 0.1996
Android (android.graphics.Color)	4290400182 (0xFFBA4FB6)
YUV	122.7350, 29.2176, 55.4834
Hunter-Lab	44.0551, 50.4742, -31.5308

Details

The Yxy color **19.4085, 0.3238, 0.1996** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **37.3970, 0.3021, 0.5056**, and the grayscale version is **19.6125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4563, 0.3232, 0.2240**, and **6.7317, 0.3224, 0.1624** is the 20% darker color. If you saturate the color by 10%, you get **17.0620, 0.3257, 0.1837**, and if you desaturate by 10%, it is **22.5074, 0.3218, 0.2189**.

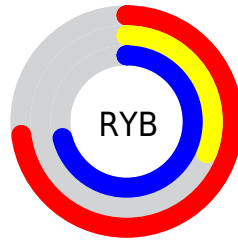
Distribution



Red (73%)

Green (31%)

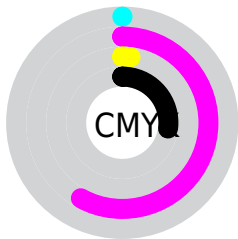
Blue (71%)



Red (73%)

Yellow (31%)

Blue (71%)

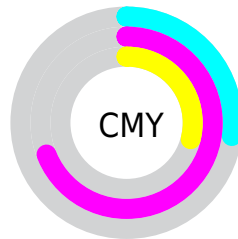


Cyan (0%)

Magenta (58%)

Yellow (2%)

Black (27%)



Cyan (27%)


Magenta (69%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4085, 0.3238, 0.1996 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 19.4085, 0.3238, 0.1996 by changing the saturation by 10% instead.


 19.4085, 0.3238,
0.1996


 19.4085, 0.3238,
0.1996


248.6947, 0.3205,
0.2652


 11.9658, 0.3237,
0.1834


 42.4232, 0.3232,
0.2234

 6.7204, 0.3229,
0.1628


 58.7641, 0.3228,
0.2324

 3.2879, 0.3207,
0.1363


 78.8398, 0.3224,
0.2400

 1.2838, 0.3149,
0.1017

 103.0347, 0.3220,
0.2465

 0.1286, 0.3112,
0.0237

 131.7333, 0.3216,
0.2521

 0.0000, 0.2410,
0.0000

165.3199, 0.3212,

 0.0000, 0.0000,

0.2570

0.0000

204.1789, 0.3208,
0.2614

■ 19.4085, 0.3238,
0.1996

■ 19.4085, 0.3238,
0.1996

■ 17.0620, 0.3257,
0.1837

■ 22.5074, 0.3218,
0.2189

■ 15.4008, 0.3274,
0.1717

■ 26.4130, 0.3198,
0.2406

■ 14.3508, 0.3289,
0.1640

■ 31.1775, 0.3178,
0.2639

■ 13.8012, 0.3301,
0.1601

■ 36.8483, 0.3158,
0.2878

■ 13.6937, 0.3304,
0.1594

■ 43.4690, 0.3140,
0.3116

■ 51.0805, 0.3123,
0.3347

■ 59.7215, 0.3108,
0.3566

■ 69.4282, 0.3094,
0.3771

■ 80.2355, 0.3082,
0.3961

Harmonies

Analogous

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



19.4085, 0.2164, 0.1669



19.4085, 0.3238, 0.1996



19.4085, 0.4518, 0.2562

Triad

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



19.4085, 0.3238, 0.1996



19.4085, 0.4714, 0.4870



19.4085, 0.1299, 0.2682

Complementary

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



19.4085, 0.3238, 0.1996



37.3970, 0.3021, 0.5056

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.



19.4085, 0.1761, 0.4039



19.4085, 0.3238, 0.1996



19.4085, 0.3722, 0.5538

Square

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



19.4085, 0.3238, 0.1996



19.4085, 0.5378, 0.4031



19.4085, 0.2650, 0.5346



19.4085, 0.1239, 0.1911

Rectangle

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



19.4085, 0.3238, 0.1996



19.4085, 0.5175, 0.3020



19.4085, 0.2650, 0.5346



19.4085, 0.1403, 0.3076

Sweetspot

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



19.4094, 0.3238, 0.1996



67.0603, 0.3158, 0.2883



10.9601, 0.2055, 0.1483



14.2798, 0.3162, 0.2835



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.



19.4094, 0.3238, 0.1996



30.0249, 0.3261, 0.1801



17.6152, 0.4010, 0.2616



9.1568, 0.3143, 0.3073



9.2175, 0.3303, 0.1593



0.3267, 0.3277, 0.1579

Inverse Universe

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



19.4094, 0.3238, 0.1996



30.0249, 0.3261, 0.1801



38.5519, 0.2707, 0.4136



9.1568, 0.3143, 0.3073



9.2175, 0.3303, 0.1593



0.3267, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 19.4085, 0.3238, 0.1996 looks on a white background.

Color Contrast Check

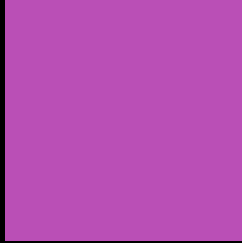
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4085, 0.3238, 0.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

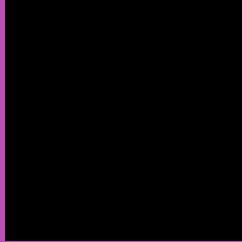
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4085, 0.3238, 0.1996

Background



This preview shows how black text looks on a background with the Yxy color 19.4085, 0.3238, 0.1996.



This preview shows how white text looks on a background with the Yxy color 19.4085, 0.3238, 0.1996.

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

19.4085, 0.3238, 0.1996

Protanopia

19.7399, 0.2007, 0.1792

Deuteranopia

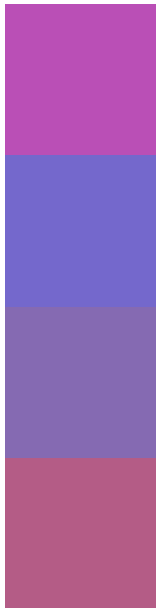
19.5947, 0.2418, 0.2363



Tritanopia

19.3114, 0.4162, 0.3190

Trichromacy



Original Color

19.4085, 0.3238, 0.1996

Protanomaly

17.9733, 0.2296, 0.1790

Deuteranomaly

18.5090, 0.2663, 0.2156

Tritanomaly

19.0788, 0.3804, 0.2693

Monochromacy



Original Color

19.4085, 0.3238, 0.1996

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.6400, 0.3182, 0.2678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4085, 0.3238, 0.1996 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(186, 79, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 79, 182)  
}
```

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(186, 79, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 79, 182) }
```

Border

The CSS property to change the border of an element to Yxy 19.4085, 0.3238, 0.1996 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(186, 79, 182) }
```

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

```
.border{ border-color:rgb(186, 79, 182) }
```

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

Here you see how a box with a 4 pixel rgb(186, 79, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 79, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 79, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 79,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4085, 0.3238, 0.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 79, 182) }
```

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

```
.background{ background-color: rgb(186, 79,  
182) }
```

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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