

Converting Colors

$Y_{xy}(22.1725, 0.3876, 0.2835)$

Have a look what the booklet for
Yxy(22.1725, 0.3876, 0.2835)
contains.

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Color

Yxy(22.1992, 0.3884, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	BE6687
RGB	190, 102, 135
RGB Percent	75%, 40%, 53%
CMY	0.2549, 0.6000, 0.4706
CMYK	0.00, 0.46, 0.29, 0.25
HSL	338°, 40%, 57%
HSV	338°, 46%, 75%
XYZ	30.3598, 22.1992, 25.6072
YIQ	132.0740, 41.8550, 28.9190

Conversions

Conversions Part 2

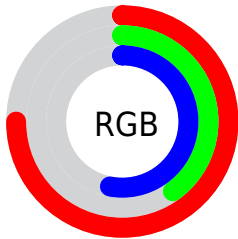
Format	Color
R_{YB}	190, 102, 135
Decimal	12478087
CIE _{Lab}	54.24, 39.04, -2.35
CIE _{LCh}	54, 39.110, 356.552
Yxy	22.1992, 0.3884, 0.2840
Android (android.graphics.Color)	4290668167 (0xFFBE6687)
YUV	132.0740, 1.4425, 50.8011
Hunter-Lab	47.1160, 32.5655, 0.7575

Details

The Yxy color $22.1992, 0.3884, 0.2840$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $42.0862, 0.2713, 0.3808$, and the grayscale version is $23.0867, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.0300, 0.3718, 0.2938$, and $8.0919, 0.4185, 0.2676$ is the 20% darker color. If you saturate the color by 10%, you get $18.5677, 0.4143, 0.2756$, and if you desaturate by 10%, it is $26.7259, 0.3662, 0.2937$.

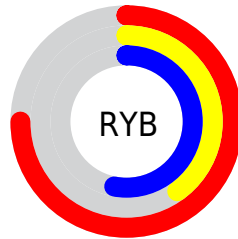
Distribution



Red (75%)

Green (40%)

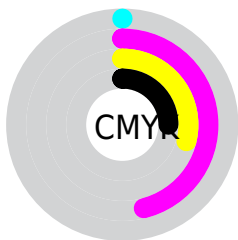
Blue (53%)



Red (75%)

Yellow (40%)

Blue (53%)

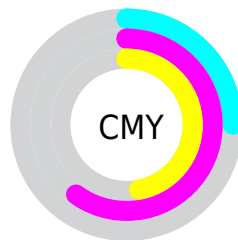


Cyan (0%)

Magenta (46%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (60%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1992, 0.3884, 0.2840 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 22.1992, 0.3884, 0.2840 by changing the saturation by 10% instead.


 22.1992, 0.3884,
0.2840


 22.1992, 0.3884,
0.2840


263.5848, 0.3462,
0.3089


 14.0033, 0.4006,
0.2769


 47.0750, 0.3719,
0.2937


 8.1230, 0.4175,
0.2672


 64.5238, 0.3660,
0.2971

 4.1737, 0.4423,
0.2531

 85.8256, 0.3613,
0.2999

 1.7712, 0.4819,
0.2310

 111.3649, 0.3573,
0.3023

 0.4691, 0.5722,
0.1754

141.5261, 0.3539,
0.3043

 0.0000, 1.0000,
0.0000

176.6935, 0.3509,

 0.0000, 0.0000,

0.3060

0.0000

217.2516, 0.3484,
0.3075

■ 22.1992, 0.3884,
0.2840

■ 22.1992, 0.3884,
0.2840

■ 18.5677, 0.4143,
0.2756

■ 26.7259, 0.3662,
0.2937

■ 15.7678, 0.4436,
0.2695

■ 32.1995, 0.3476,
0.3037

■ 13.7324, 0.4752,
0.2670


■ 38.6714, 0.3322,
0.3137


■ 12.3825, 0.5074,
0.2691

■ 46.1883, 0.3195,
0.3233

■ 11.6158, 0.5377,
0.2763


■ 54.7941, 0.3091,
0.3322

 11.4052, 0.5484,
0.2795

 64.5301, 0.3006,
0.3405

 75.4355, 0.2936,
0.3481

 87.5474, 0.2878,
0.3551

 88.8706, 0.2818,
0.3430

Harmonies

Analogous

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



22.1992, 0.3173, 0.2456



22.1992, 0.3884, 0.2840



22.1992, 0.4396, 0.3332

Triad

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



22.1992, 0.3884, 0.2840



22.1992, 0.3636, 0.4573



22.1992, 0.1909, 0.2507

Complementary

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



22.1992, 0.3884, 0.2840



42.0862, 0.2713, 0.3808

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.



22.1992, 0.1999, 0.3040



22.1992, 0.3884, 0.2840



22.1992, 0.2961, 0.4386

Square

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



22.1992, 0.3884, 0.2840



22.1992, 0.4208, 0.4326



22.1992, 0.2366, 0.3767



22.1992, 0.2088, 0.2249

Rectangle

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



22.1992, 0.3884, 0.2840



22.1992, 0.4518, 0.3683



22.1992, 0.2366, 0.3767



22.1992, 0.1909, 0.2654

Sweetspot

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



22.2003, 0.3884, 0.2840



72.7610, 0.3293, 0.3157



20.3163, 0.2801, 0.2046



15.3609, 0.3323, 0.3136



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.



22.2003, 0.3884, 0.2840



33.3051, 0.4159, 0.2752



23.5549, 0.4295, 0.3435



9.5940, 0.3231, 0.3204



7.5980, 0.5450, 0.2776



0.3104, 0.4795, 0.2415

Inverse Universe

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



22.2003, 0.3884, 0.2840



33.3051, 0.4159, 0.2752



39.0778, 0.2488, 0.3133



9.5940, 0.3231, 0.3204



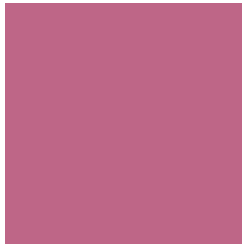
7.5980, 0.5450, 0.2776



0.3104, 0.4795, 0.2415

Previews

White Background



This preview shows how the Yxy color 22.1992, 0.3884, 0.2840 looks on a white background.

Color Contrast Check

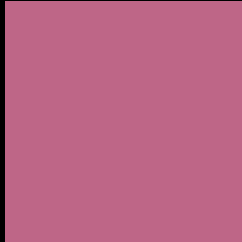
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1992, 0.3884, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

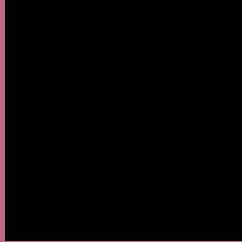
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1992, 0.3884, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 22.1992, 0.3884, 0.2840.



This preview shows how white text looks on a background with the Yxy color 22.1992, 0.3884, 0.2840.

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

22.1992, 0.3884, 0.2840

Protanopia

22.4031, 0.2859, 0.2895

Deuteranopia

22.3112, 0.3263, 0.3205



Tritanopia

22.2143, 0.4143, 0.3181

Trichromacy



Original Color

22.1992, 0.3884, 0.2840

Protanomaly

21.6585, 0.3184, 0.2852

Deuteranomaly

21.7595, 0.3481, 0.3052

Tritanomaly

22.3271, 0.4046, 0.3057

Monochromacy



Original Color

22.1992, 0.3884, 0.2840

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.1405, 0.3384, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1992, 0.3884, 0.2840 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(190, 102, 135)` looks like.

```
.text, #text, p{  
    color:rgb(190, 102, 135)  
}
```

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(190, 102, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 102, 135) }
```

Border

The CSS property to change the border of an element to Yxy 22.1992, 0.3884, 0.2840 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(190, 102, 135) }
```

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

```
.border{ border-color:rgb(190, 102, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 102, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 102, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 102, 135);  
box-shadow:4px 4px 4px 4px rgb(190, 102,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1992, 0.3884, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 102, 135) }
```

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

```
.background{ background-color: rgb(190,  
102, 135) }
```

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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