

Converting Colors

$Y_{xy}(27.0866, 0.3683, 0.3042)$

Have a look what the booklet for
Yxy(27.0866, 0.3683, 0.3042)
contains.

Yxy(27.0597, 0.3690, 0.3041)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0597, 0.3690, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	BC7C8E
RGB	188, 124, 142
RGB Percent	74%, 49%, 56%
CMY	0.2626, 0.5138, 0.4431
CMYK	0.00, 0.34, 0.24, 0.26
HSL	343°, 32%, 61%
HSV	343°, 34%, 74%
XYZ	32.8347, 27.0597, 29.0885
YIQ	145.1880, 32.3660, 19.1660

Conversions

Conversions Part 2

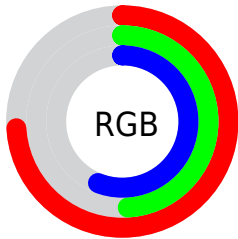
Format	Color
RYB	188, 124, 142
Decimal	12352654
CIELab	59.03, 27.43, 0.55
CIELCh	59, 27.436, 1.151
Yxy	27.0597, 0.3690, 0.3041
Android (android.graphics.Color)	4290542734 (0xFFBC7C8E)
YUV	145.1880, -1.5717, 37.5461
Hunter-Lab	52.0189, 21.6372, 3.2588

Details

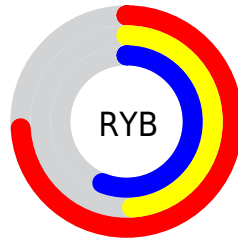
The Yxy color $27.0597, 0.3690, 0.3041$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $43.1645, 0.2766, 0.3558$, and the grayscale version is $28.3934, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8423, 0.3565, 0.3087$, and $10.6568, 0.3887, 0.2948$ is the 20% darker color. If you saturate the color by 10%, you get $22.4079, 0.3939, 0.2968$, and if you desaturate by 10%, it is $32.6617, 0.3483, 0.3117$.

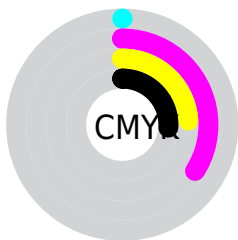
Distribution



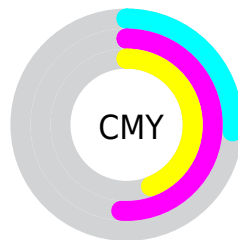
- Red (74%)
- Green (49%)
- Blue (56%)



- Red (74%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (26%)





- Cyan (26%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0597, 0.3690, 0.3041 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 27.0597, 0.3690, 0.3041 by changing the saturation by 10% instead.


 27.0597, 0.3690,
0.3041


 27.0597, 0.3690,
0.3041


287.9461, 0.3383,
0.3177


 17.6181, 0.3776,
0.3002


 54.9797, 0.3572,
0.3094

 10.6761, 0.3894,
0.2950


 74.2268, 0.3529,
0.3113

 5.8495, 0.4062,
0.2874

 97.5111, 0.3494,
0.3128

 2.7538, 0.4323,
0.2757

125.2172, 0.3465,
0.3141

 1.0046, 0.4780,
0.2549

157.7293, 0.3440,
0.3152

 0.0000, 1.0000,
0.0000

195.4319, 0.3418,

 0.0000, 0.0000,

0.3162

0.0000

238.7094, 0.3400,
0.3170

■ 27.0597, 0.3690,
0.3041

■ 27.0597, 0.3690,
0.3041

■ 22.4079, 0.3939,
0.2968

■ 32.6617, 0.3483,
0.3117

■ 18.6496, 0.4234,
0.2904

■ 39.2590, 0.3314,
0.3192

■ 15.7277, 0.4572,
0.2858


■ 46.8982, 0.3176,
0.3263


■ 13.5771, 0.4939,
0.2842


■ 55.6221, 0.3063,
0.3329


■ 12.1227, 0.5310,
0.2866


■ 65.4709, 0.2971,
0.3389

 11.2745, 0.5650,
0.2934

 76.4827, 0.2896,
0.3445

 10.9510, 0.5830,
0.2985

 88.3051, 0.2834,
0.3489

 89.1230, 0.2766,
0.3341

 89.4347, 0.2742,
0.3289

Harmonies

Analogous

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



27.0597, 0.3240, 0.2750



27.0597, 0.3690, 0.3041



27.0597, 0.3988, 0.3400

Triad

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



27.0597, 0.3690, 0.3041



27.0597, 0.3422, 0.4119



27.0597, 0.2295, 0.2737

Complementary

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



27.0597, 0.3690, 0.3041



43.1645, 0.2766, 0.3558

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.



27.0597, 0.2335, 0.3081



27.0597, 0.3690, 0.3041



27.0597, 0.2966, 0.3935

Square

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



27.0597, 0.3690, 0.3041



27.0597, 0.3816, 0.4035



27.0597, 0.2573, 0.3532



27.0597, 0.2453, 0.2568

Rectangle

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



27.0597, 0.3690, 0.3041



27.0597, 0.4047, 0.3644



27.0597, 0.2573, 0.3532



27.0597, 0.2286, 0.2834

Sweetspot

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



27.0610, 0.3690, 0.3041



76.2887, 0.3257, 0.3220



26.5778, 0.2974, 0.2407



15.9977, 0.3277, 0.3210



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.



27.0610, 0.3690, 0.3041



42.4589, 0.3876, 0.2985



30.2879, 0.3850, 0.3486



9.5793, 0.3245, 0.3226



7.4649, 0.5798, 0.2968



0.3040, 0.5093, 0.2579

Inverse Universe

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



27.0610, 0.3690, 0.3041



42.4589, 0.3876, 0.2985



38.2472, 0.2624, 0.3083



9.5793, 0.3245, 0.3226



7.4649, 0.5798, 0.2968



0.3040, 0.5093, 0.2579

Previews

White Background



This preview shows how the Yxy color 27.0597, 0.3690, 0.3041 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 27.0597, 0.3690, 0.3041 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 27.0597, 0.3690, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 27.0597, 0.3690, 0.3041.



This preview shows how white text looks on a background with the Yxy color 27.0597, 0.3690, 0.3041.

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

27.0597, 0.3690, 0.3041

Protanopia

27.3638, 0.3030, 0.3129

Deuteranopia

27.2385, 0.3318, 0.3259



Tritanopia

26.9813, 0.3761, 0.3152

Trichromacy



Original Color

27.0597, 0.3690, 0.3041

Protanomaly

26.8370, 0.3259, 0.3090

Deuteranomaly

27.0230, 0.3443, 0.3170

Tritanomaly

27.0670, 0.3724, 0.3110

Monochromacy



Original Color

27.0597, 0.3690, 0.3041

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4820, 0.3322, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0597, 0.3690, 0.3041 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(188, 124, 142)` looks like.

```
.text, #text, p{  
    color:rgb(188, 124, 142)  
}
```

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(188, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 124, 142) }
```

Border

The CSS property to change the border of an element to Yxy 27.0597, 0.3690, 0.3041 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(188, 124, 142) }
```

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

```
.border{ border-color:rgb(188, 124, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 124, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 124, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 124, 142);  
box-shadow:4px 4px 4px 4px rgb(188, 124,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0597, 0.3690, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 124, 142) }
```

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

```
.background{ background-color: rgb(188,  
124, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor