

Converting Colors

$Y_{xy}(27.1224, 0.3648, 0.3167)$

Have a look what the booklet for
Yxy(27.1224, 0.3648, 0.3167)
contains.

Yxy(27.0682, 0.3655, 0.3162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.0682, 0.3655, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	B58089
RGB	181, 128, 137
RGB Percent	71%, 50%, 54%
CMY	0.2903, 0.4980, 0.4627
CMYK	0.00, 0.29, 0.24, 0.29
HSL	350°, 26%, 61%
HSV	350°, 29%, 71%
XYZ	31.2885, 27.0682, 27.2480
YIQ	144.8730, 28.6990, 14.0350

Conversions

Conversions Part 2

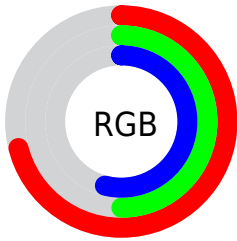
Format	Color
R_{YB}	181, 128, 137
Decimal	11894921
CIE _{Lab}	59.04, 21.80, 3.34
CIE _{LCh}	59, 22.056, 8.712
Yxy	27.0682, 0.3655, 0.3162
Android (android.graphics.Color)	4290085001 (0xFFB58089)
YUV	144.8730, -3.8814, 31.6834
Hunter-Lab	52.0271, 16.3004, 5.3672

Details

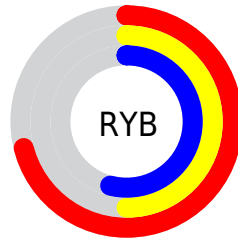
The Yxy color **27.0682, 0.3655, 0.3162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6089, 0.2771, 0.3424**, and the grayscale version is **28.2692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9426, 0.3549, 0.3192**, and **10.6489, 0.3856, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **22.3597, 0.3922, 0.3117**, and if you desaturate by 10%, it is **32.6814, 0.3437, 0.3208**.

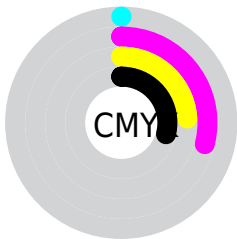
Distribution



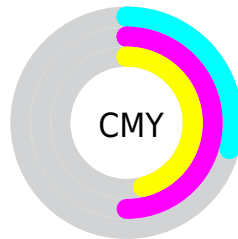
- Red (71%)
- Green (50%)
- Blue (54%)



- Red (71%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (24%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0682, 0.3655, 0.3162 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 27.0682, 0.3655, 0.3162 by changing the saturation by 10% instead.


 27.0682, 0.3655,
0.3162


 27.0682, 0.3655,
0.3162


287.9872, 0.3366,
0.3235


 17.6244, 0.3737,
0.3140


 54.9933, 0.3543,
0.3191

 10.6807, 0.3848,
0.3110


 74.2434, 0.3503,
0.3201

 5.8526, 0.4009,
0.3065

 97.5311, 0.3470,
0.3209

 2.7556, 0.4262,
0.2992

125.2408, 0.3443,
0.3216

 1.0055, 0.4714,
0.2856

157.7569, 0.3419,
0.3222

 0.0000, 1.0000,
0.0000


195.4637, 0.3399,


 0.0000, 0.0000,


0.3227

0.0000

238.7457, 0.3381,
0.3231

 27.0682, 0.3655,
0.3162


 27.0682, 0.3655,
0.3162


 22.3597, 0.3922,
0.3117


 32.6814, 0.3437,
0.3208


 18.5048, 0.4242,
0.3076

 39.2392, 0.3261,
0.3252


 15.4533, 0.4615,
0.3046

 46.7838, 0.3118,
0.3293


 13.1480, 0.5028,
0.3034


 55.3537, 0.3002,
0.3331


 11.5242, 0.5448,
0.3048


 64.9853, 0.2908,
0.3366


 10.5062, 0.5829,
0.3093

 75.7134, 0.2831,
0.3397

 9.9540, 0.6127,
0.3156

 87.5709, 0.2768,
0.3425

 9.9195, 0.6147,
0.3160

 88.5618, 0.2706,
0.3289

Harmonies

Analogous

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



27.0682, 0.3317, 0.2901



27.0682, 0.3655, 0.3162



27.0682, 0.3847, 0.3464

Triad

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



27.0682, 0.3655, 0.3162



27.0682, 0.3279, 0.3932



27.0682, 0.2465, 0.2796

Complementary

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



27.0682, 0.3655, 0.3162



40.6089, 0.2771, 0.3424

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.



27.0682, 0.2458, 0.3047



27.0682, 0.3655, 0.3162



27.0682, 0.2913, 0.3732

Square

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



27.0682, 0.3655, 0.3162



27.0682, 0.3617, 0.3926



27.0682, 0.2617, 0.3394



27.0682, 0.2637, 0.2690

Rectangle

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



27.0682, 0.3655, 0.3162



27.0682, 0.3859, 0.3658



27.0682, 0.2617, 0.3394



27.0682, 0.2444, 0.2865

Sweetspot

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



27.0695, 0.3655, 0.3162



70.4412, 0.3259, 0.3252



27.4651, 0.3057, 0.2551



14.8364, 0.3282, 0.3246



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.0695, 0.3655, 0.3162



42.9797, 0.3817, 0.3133



31.5658, 0.3697, 0.3531



8.5281, 0.3261, 0.3252



6.8469, 0.6121, 0.3145



0.2226, 0.5436, 0.2768

Inverse Universe

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



27.0695, 0.3655, 0.3162



42.9797, 0.3817, 0.3133



34.5513, 0.2683, 0.3034



8.5281, 0.3261, 0.3252



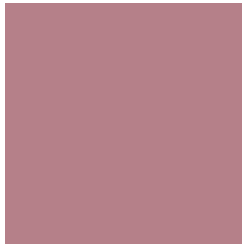
6.8469, 0.6121, 0.3145



0.2226, 0.5436, 0.2768

Previews

White Background



This preview shows how the Yxy color 27.0682, 0.3655, 0.3162 looks on a white background.

Color Contrast Check

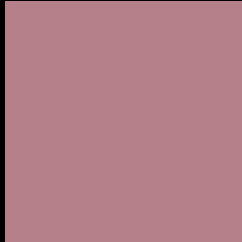
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0682, 0.3655, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

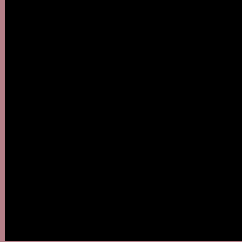
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0682, 0.3655, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 27.0682, 0.3655, 0.3162.



This preview shows how white text looks on a background with the Yxy color 27.0682, 0.3655, 0.3162.

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

27.0682, 0.3655, 0.3162

Protanopia

27.3196, 0.3119, 0.3241

Deuteranopia

27.2972, 0.3394, 0.3338



Tritanopia

27.0971, 0.3643, 0.3148

Trichromacy



Original Color

27.0682, 0.3655, 0.3162

Protanomaly

27.0124, 0.3298, 0.3212

Deuteranomaly

27.0433, 0.3485, 0.3261

Tritanomaly

27.0971, 0.3643, 0.3148

Monochromacy



Original Color

27.0682, 0.3655, 0.3162

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6873, 0.3306, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0682, 0.3655, 0.3162 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(181, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(181, 128, 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(181, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 128, 137) }
```

Border

The CSS property to change the border of an element to Yxy 27.0682, 0.3655, 0.3162 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(181, 128, 137) }
```

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

```
.border{ border-color:rgb(181, 128, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 128, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 128, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 128, 137);  
box-shadow:4px 4px 4px 4px rgb(181, 128,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0682, 0.3655, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 128, 137) }
```

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

```
.background{ background-color: rgb(181,  
128, 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](#).

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