

Converting Colors

$Y_{xy}(27.8298, 0.3518, 0.3004)$

Have a look what the booklet for
Yxy(27.8298, 0.3518, 0.3004)
contains.

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Color

Yxy(27.8155, 0.3522, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	B68195
RGB	182, 129, 149
RGB Percent	71%, 51%, 58%
CMY	0.2862, 0.4941, 0.4157
CMYK	0.00, 0.29, 0.18, 0.29
HSL	337°, 27%, 61%
HSV	337°, 29%, 71%
XYZ	32.5685, 27.8155, 32.0877
YIQ	147.1270, 25.1680, 17.4560

Conversions

Conversions Part 2

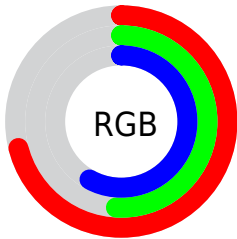
Format	Color
RYB	182, 129, 149
Decimal	11960725
CIELab	59.72, 23.50, -2.54
CIElCh	60, 23.634, 353.834
Yxy	27.8155, 0.3522, 0.3008
Android (android.graphics.Color)	4290150805 (0xFFB68195)
YUV	147.1270, 0.9234, 30.5836
Hunter-Lab	52.7404, 17.9326, 0.8458

Details

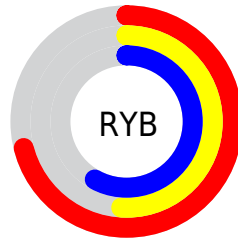
The Yxy color **27.8155, 0.3522, 0.3008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7363, 0.2849, 0.3593**, and the grayscale version is **29.2220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1184, 0.3444, 0.3063**, and **11.0630, 0.3666, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **23.0968, 0.3716, 0.2907**, and if you desaturate by 10%, it is **33.4261, 0.3361, 0.3109**.

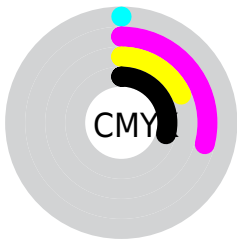
Distribution



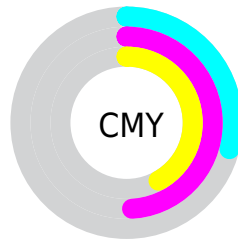
- Red (71%)
- Green (51%)
- Blue (58%)



- Red (71%)
- Yellow (51%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (18%)
- Black (29%)





- Cyan (29%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8155, 0.3522, 0.3008 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 27.8155, 0.3522, 0.3008 by changing the saturation by 10% instead.


 27.8155, 0.3522,
0.3008


 27.8155, 0.3522,
0.3008


291.5843, 0.3309,
0.3159


 18.1866, 0.3581,
0.2967


 56.1897, 0.3440,
0.3065

 11.0841, 0.3661,
0.2911


 75.7039, 0.3411,
0.3086

 6.1234, 0.3775,
0.2833


 99.2819, 0.3387,
0.3104

 2.9203, 0.3950,
0.2714

127.3083, 0.3366,
0.3118

 1.0902, 0.4252,
0.2513

160.1673, 0.3349,
0.3131

 0.0000, 0.7909,
0.0000

198.2433, 0.3334,

 0.0000, 0.0000,

0.3141

0.0000

241.9209, 0.3320,
0.3151

■ 27.8155, 0.3522,
0.3008

■ 27.8155, 0.3522,
0.3008

■ 23.0968, 0.3716,
0.2907

■ 33.4261, 0.3361,
0.3109

■ 19.2197, 0.3946,
0.2813

■ 39.9676, 0.3228,
0.3206

■ 16.1350, 0.4212,
0.2734

■ 47.4814, 0.3118,
0.3298

■ 13.7866, 0.4511,
0.2680

■ 56.0054, 0.3029,
0.3383

■ 12.1110, 0.4828,
0.2666

■ 65.5753, 0.2955,
0.3461

■ 11.0337, 0.5145,
0.2700

■ 76.2251, 0.2895,
0.3533

■ 10.4191, 0.5441,
0.2778

■ 87.0863, 0.2844,
0.3584

■ 10.3722, 0.5467,
0.2785

■ 87.7378, 0.2786,
0.3456

■ 88.4312, 0.2730,
0.3332

Harmonies

Analogous

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



27.8155, 0.3128, 0.2775



27.8155, 0.3522, 0.3008



27.8155, 0.3816, 0.3312

Triad

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



27.8155, 0.3522, 0.3008



27.8155, 0.3475, 0.3997



27.8155, 0.2401, 0.2879

Complementary

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



27.8155, 0.3522, 0.3008



40.7363, 0.2849, 0.3593

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.



27.8155, 0.2481, 0.3206



27.8155, 0.3522, 0.3008



27.8155, 0.3088, 0.3892

Square

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



27.8155, 0.3522, 0.3008



27.8155, 0.3781, 0.3886



27.8155, 0.2726, 0.3589



27.8155, 0.2498, 0.2690

Rectangle

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



27.8155, 0.3522, 0.3008



27.8155, 0.3905, 0.3526



27.8155, 0.2726, 0.3589



27.8155, 0.2408, 0.2975

Sweetspot

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



27.8168, 0.3522, 0.3008



72.4173, 0.3228, 0.3206



26.7271, 0.2947, 0.2530



15.5902, 0.3246, 0.3192



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



27.8168, 0.3522, 0.3008



44.7130, 0.3643, 0.2943



28.9107, 0.3735, 0.3381



9.0668, 0.3230, 0.3204



7.3358, 0.5437, 0.2769



0.2708, 0.4734, 0.2381

Inverse Universe

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



27.8168, 0.3522, 0.3008



44.7130, 0.3643, 0.2943



39.0275, 0.2702, 0.3197



9.0668, 0.3230, 0.3204



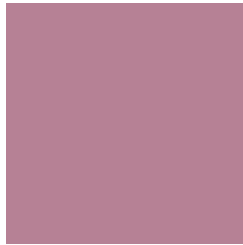
7.3358, 0.5437, 0.2769



0.2708, 0.4734, 0.2381

Previews

White Background



This preview shows how the Yxy color 27.8155, 0.3522, 0.3008 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 27.8155, 0.3522, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

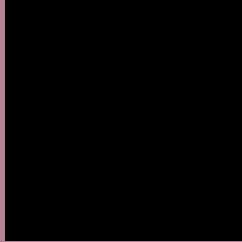
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8155, 0.3522, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 27.8155, 0.3522, 0.3008.



This preview shows how white text looks on a background with the Yxy color 27.8155, 0.3522, 0.3008.

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

27.8155, 0.3522, 0.3008

Protanopia

27.9532, 0.2983, 0.3052

Deuteranopia

28.0308, 0.3241, 0.3182



Tritanopia

27.6825, 0.3613, 0.3148

Trichromacy



Original Color

27.8155, 0.3522, 0.3008

Protanomaly

27.7116, 0.3161, 0.3030

Deuteranomaly

27.8534, 0.3336, 0.3110

Tritanomaly

27.7722, 0.3578, 0.3105

Monochromacy



Original Color

27.8155, 0.3522, 0.3008

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.3679, 0.3263, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8155, 0.3522, 0.3008 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(182, 129, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 129, 149)  
}
```

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(182, 129, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 129, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.8155, 0.3522, 0.3008 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(182, 129, 149) }
```

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

```
.border{ border-color:rgb(182, 129, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 129, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 129, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 129, 149);  
box-shadow:4px 4px 4px 4px rgb(182, 129,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8155, 0.3522, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 129, 149) }
```

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

```
.background{ background-color: rgb(182,  
129, 149) }
```

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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