

Converting Colors

$Y_{xy}(27.9355, 0.2859, 0.2719)$

Have a look what the booklet for
Yxy(27.9355, 0.2859, 0.2719)
contains.

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Color

Yxy(27.9355, 0.2859, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	948BB1
RGB	148, 139, 177
RGB Percent	58%, 55%, 69%
CMY	0.4198, 0.4548, 0.3059
CMYK	0.16, 0.21, 0.00, 0.31
HSL	254°, 20%, 62%
HSV	254°, 21%, 69%
XYZ	29.3739, 27.9355, 45.4324
YIQ	146.0230, -6.8340, 13.7260

Conversions

Conversions Part 2

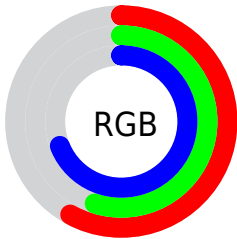
Format	Color
RYB	148, 139, 177
Decimal	9735089
CIELab	59.83, 11.19, -18.71
CIELCh	60, 21.801, 300.889
Yxy	27.9355, 0.2859, 0.2719
Android (android.graphics.Color)	4287925169 (0xFF948BB1)
YUV	146.0230, 15.2717, 1.7338
Hunter-Lab	52.8540, 6.7076, -13.9668

Details

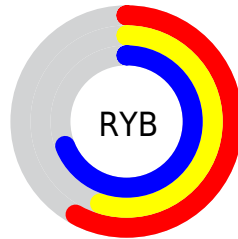
The Yxy color $27.9355, 0.2859, 0.2719$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $41.6352, 0.3361, 0.3830$, and the grayscale version is $28.6911, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1390, 0.2911, 0.2822$, and $11.1414, 0.2768, 0.2540$ is the 20% darker color. If you saturate the color by 10%, you get $22.0298, 0.2707, 0.2413$, and if you desaturate by 10%, it is $34.8208, 0.2994, 0.3001$.

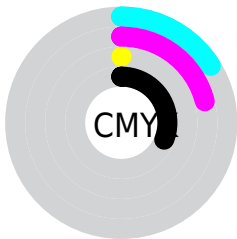
Distribution



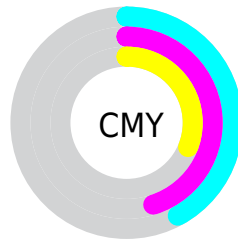
- Red (58%)
- Green (55%)
- Blue (69%)



- Red (58%)
- Yellow (55%)
- Blue (69%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)





- Cyan (42%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9355, 0.2859, 0.2719 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 27.9355, 0.2859, 0.2719 by changing the saturation by 10% instead.


 27.9355, 0.2859,
0.2719


 27.9355, 0.2859,
0.2719


292.1586, 0.3006,
0.3019


 18.2770, 0.2818,
0.2640


 56.3814, 0.2916,
0.2831

 11.1491, 0.2762,
0.2535


 75.9377, 0.2936,
0.2872

 6.1672, 0.2682,
0.2392


 99.5621, 0.2953,
0.2907

 2.9470, 0.2560,
0.2183

127.6389, 0.2967,
0.2936

 1.1041, 0.2353,
0.1857

160.5525, 0.2979,
0.2961

 0.0000, 0.1616,
0.0000

198.6874, 0.2989,

 0.0000, 0.0000,

0.2983

0.0000

242.4280, 0.2998,
0.3002

■ 27.9355, 0.2859,
0.2719

■ 27.9355, 0.2859,
0.2719

■ 22.0298, 0.2707,
0.2413

■ 34.8208, 0.2994,
0.3001

■ 17.0554, 0.2540,
0.2091

■ 42.7243, 0.3111,
0.3255

■ 12.9650, 0.2362,
0.1764

■ 51.6867, 0.3213,
0.3482

■ 9.7055, 0.2181,
0.1448

■ 61.7453, 0.3299,
0.3683

■ 7.2182, 0.2006,
0.1165

■ 72.9358, 0.3373,
0.3859

■ 5.4365, 0.1848,
0.0933

■ 85.2921, 0.3436,
0.4014

■ 4.2819, 0.1719,
0.0768

■ 93.6940, 0.3507,
0.4079

■ 3.6587, 0.1633,
0.0673

■ 95.9539, 0.3591,
0.4057

Harmonies

Analogous

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



27.9355, 0.2589, 0.2715



27.9355, 0.2859, 0.2719



27.9355, 0.3216, 0.2855

Triad

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



27.9355, 0.2859, 0.2719



27.9355, 0.3839, 0.3670



27.9355, 0.2692, 0.3484

Complementary

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



27.9355, 0.2859, 0.2719



41.6352, 0.3361, 0.3830

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.



27.9355, 0.3008, 0.3790



27.9355, 0.2859, 0.2719



27.9355, 0.3676, 0.3880

Square

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



27.9355, 0.2859, 0.2719



27.9355, 0.3800, 0.3383



27.9355, 0.3369, 0.3935



27.9355, 0.2497, 0.3135

Rectangle

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



27.9355, 0.2859, 0.2719



27.9355, 0.3458, 0.3005



27.9355, 0.3369, 0.3935



27.9355, 0.2787, 0.3598

Sweetspot

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



27.9367, 0.2859, 0.2719



69.7141, 0.3059, 0.3140



36.7176, 0.2804, 0.3157



14.9150, 0.3051, 0.3124



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



27.9367, 0.2859, 0.2719



44.5453, 0.2785, 0.2569



29.8456, 0.3048, 0.2750



8.3235, 0.3020, 0.3057



2.6750, 0.1641, 0.0678



0.1111, 0.1935, 0.0839

Inverse Universe

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



30.6460, 0.3241, 0.2884



50.3561, 0.3273, 0.2787



39.7076, 0.3188, 0.3860



8.6118, 0.3172, 0.3118



8.0566, 0.3899, 0.1922



0.2618, 0.3671, 0.1796

Previews

White Background



This preview shows how the Yxy color 27.9355, 0.2859, 0.2719 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 27.9355, 0.2859, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

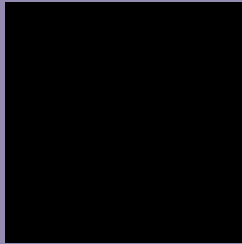
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9355, 0.2859, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 27.9355, 0.2859, 0.2719.



This preview shows how white text looks on a background with the Yxy color 27.9355, 0.2859, 0.2719.

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

27.9355, 0.2859, 0.2719

Protanopia

28.0911, 0.2716, 0.2720

Deuteranopia

27.9749, 0.2803, 0.2741



Tritanopia

27.9073, 0.3031, 0.3115

Trichromacy



Original Color

27.9355, 0.2859, 0.2719

Protanomaly

28.1761, 0.2769, 0.2726

Deuteranomaly

27.8598, 0.2821, 0.2728

Tritanomaly

27.9744, 0.2966, 0.2977

Monochromacy



Original Color

27.9355, 0.2859, 0.2719

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2823, 0.3033, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9355, 0.2859, 0.2719 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(148, 139, 177)` looks like.

```
.text, #text, p{  
    color:rgb(148, 139, 177)  
}
```

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(148, 139, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 139, 177) }
```

Border

The CSS property to change the border of an element to Yxy 27.9355, 0.2859, 0.2719 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(148, 139, 177) }
```

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

```
.border{ border-color:rgb(148, 139, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 139, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 139, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 139, 177); box-shadow:4px 4px 4px 4px rgb(148, 139, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9355, 0.2859, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 139, 177) }
```

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

```
.background{ background-color: rgb(148,  
139, 177) }
```

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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