

Converting Colors

$Y_{xy}(27.7848, 0.2870, 0.3851)$

Have a look what the booklet for
Yxy(27.7848, 0.2870, 0.3851)
contains.

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Color

Yxy(27.9103, 0.2866, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	639C7D
RGB	99, 156, 125
RGB Percent	39%, 61%, 49%
CMY	0.6119, 0.3882, 0.5098
CMYK	0.37, 0.00, 0.20, 0.39
HSL	147°, 22%, 50%
HSV	147°, 37%, 61%
XYZ	20.7338, 27.9103, 23.6999
YIQ	135.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

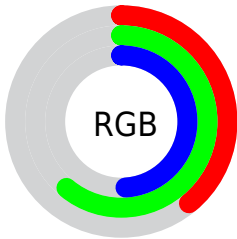
Format	Color
R_{YB}	99, 138, 156
Decimal	6528125
CIE _{Lab}	59.81, -25.77, 10.40
CIE _{LCh}	60, 27.786, 158.030
Yxy	27.9103, 0.2866, 0.3858
Android (android.graphics.Color)	4284718205 (0xFF639C7D)
YUV	135.4230, -5.1385, -31.9430
Hunter-Lab	52.8302, -22.3986, 10.3834

Details

The Yxy color $27.9103, 0.2866, 0.3858$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.5976, 0.3516, 0.2788$, and the grayscale version is $24.4186, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4783, 0.2924, 0.3729$, and $11.0508, 0.2758, 0.4078$ is the 20% darker color. If you saturate the color by 10%, you get $26.9088, 0.2809, 0.4048$, and if you desaturate by 10%, it is $29.1024, 0.2932, 0.3682$.

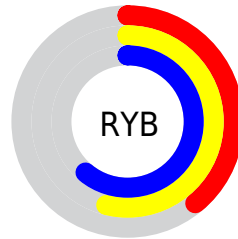
Distribution



Red (39%)

Green (61%)

Blue (49%)



Red (39%)

Yellow (54%)

Blue (61%)

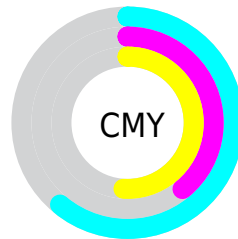


Cyan (37%)

Magenta (0%)

Yellow (20%)

Black (39%)



Cyan (61%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9103, 0.2866, 0.3858 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 27.9103, 0.2866, 0.3858 by changing the saturation by 10% instead.


 27.9103, 0.2866,
0.3858


 27.9103, 0.2866,
0.3858


292.0380, 0.3013,
0.3539


 18.2581, 0.2823,
0.3952


 56.3412, 0.2924,
0.3732

 11.1354, 0.2762,
0.4083


 75.8886, 0.2944,
0.3688

 6.1580, 0.2673,
0.4278

 99.5033, 0.2961,
0.3652

 2.9414, 0.2525,
0.4596

 127.5695, 0.2975,
0.3622

 1.1012, 0.2056,
0.5620

160.4717, 0.2986,
0.3596

 0.0000, 0.0000,
0.0000

198.5942, 0.2997,

0.3575

242.3216, 0.3005,
0.3556

■ 27.9103, 0.2866,
0.3858

■ 27.9103, 0.2866,
0.3858

■ 26.9088, 0.2809,
0.4048

■ 29.1024, 0.2932,
0.3682

■ 26.0840, 0.2764,
0.4249

■ 30.4910, 0.3003,
0.3521

■ 25.4260, 0.2733,
0.4456


■ 32.0861, 0.3078,
0.3377


■ 24.9219, 0.2720,
0.4666


■ 33.8960, 0.3153,
0.3247

■ 24.5573, 0.2726,
0.4870


■ 35.9285, 0.3228,
0.3133


 24.3105, 0.2749,
0.5064

 38.1910, 0.3302,
0.3031

 24.2373, 0.2758,
0.5128

 40.6906, 0.3373,
0.2943

 43.4341, 0.3441,
0.2865

 46.4278, 0.3506,
0.2797

Harmonies

Analogous

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



27.9103, 0.3319, 0.4103



27.9103, 0.2866, 0.3858



27.9103, 0.2501, 0.3426

Triad

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



27.9103, 0.2866, 0.3858



27.9103, 0.2515, 0.2554



27.9103, 0.4024, 0.3485

Complementary

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



27.9103, 0.2866, 0.3858



17.5976, 0.3516, 0.2788

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.



27.9103, 0.3778, 0.3119



27.9103, 0.2866, 0.3858



27.9103, 0.2885, 0.2604

Square

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



27.9103, 0.2866, 0.3858



27.9103, 0.2312, 0.2680



27.9103, 0.3349, 0.2806



27.9103, 0.4004, 0.3835

Rectangle

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



27.9103, 0.2866, 0.3858



27.9103, 0.2350, 0.3124



27.9103, 0.3349, 0.2806



27.9103, 0.3970, 0.3361

Sweetspot

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



27.9114, 0.2866, 0.3858



56.8745, 0.3043, 0.3442



29.4526, 0.3386, 0.4262



12.4362, 0.3033, 0.3460



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.9114, 0.2866, 0.3858



49.1532, 0.2818, 0.4015



28.7355, 0.2648, 0.3338



7.4489, 0.3057, 0.3414



19.9689, 0.2754, 0.5115



0.3655, 0.2544, 0.4358

Inverse Universe

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



17.5976, 0.3516, 0.2788



27.5712, 0.3642, 0.2673



16.9426, 0.3938, 0.3245



6.7034, 0.3204, 0.3169



6.3662, 0.4737, 0.2383



0.1223, 0.3997, 0.1976

Previews

White Background



This preview shows how the Yxy color 27.9103, 0.2866, 0.3858 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 27.9103, 0.2866, 0.3858 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 27.9103, 0.2866, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 27.9103, 0.2866, 0.3858.



This preview shows how white text looks on a background with the Yxy color 27.9103, 0.2866, 0.3858.

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

27.9103, 0.2866, 0.3858

Protanopia

27.6522, 0.3472, 0.3679

Deuteranopia

27.5485, 0.3506, 0.3430



Tritanopia

27.9034, 0.2625, 0.3086

Trichromacy



Original Color

27.9103, 0.2866, 0.3858

Protanomaly

27.5468, 0.3230, 0.3752

Deuteranomaly

27.3848, 0.3242, 0.3574

Tritanomaly

27.8954, 0.2712, 0.3359

Monochromacy



Original Color

27.9103, 0.2866, 0.3858

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.4212, 0.3023, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9103, 0.2866, 0.3858 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(99, 156, 125)` looks like.

```
.text, #text, p{  
  color:rgb(99, 156, 125)  
}
```

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(99, 156, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 156, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.9103, 0.2866, 0.3858 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(99, 156, 125) }
```

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

```
.border{ border-color:rgb(99, 156, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 156, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 156, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 156, 125);  
box-shadow:4px 4px 4px 4px rgb(99, 156,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9103, 0.2866, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 156, 125) }
```

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

```
.background{ background-color: rgb(99, 156,  
125) }
```

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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