

Converting Colors

$Y_{xy}(27.3007, 0.2887, 0.4065)$

Have a look what the booklet for
Yxy(27.3007, 0.2887, 0.4065)
contains.

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Color

$Y_{xy}(27.2900, 0.2888, 0.4064)$

Conversions

Conversions Part 1

Format	Color
Hex	5C9C73
RGB	92, 156, 115
RGB Percent	36%, 61%, 45%
CMY	0.6394, 0.3882, 0.5490
CMYK	0.41, 0.00, 0.26, 0.39
HSL	142°, 26%, 49%
HSV	142°, 41%, 61%
XYZ	19.3931, 27.2900, 20.4675
YIQ	132.1900, -24.9830, -26.3190

Conversions

Conversions Part 2

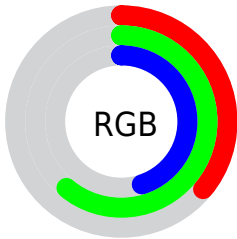
Format	Color
R_{YB}	92, 139, 156
Decimal	6069363
CIE _{Lab}	59.24, -29.96, 15.16
CIE _{LCh}	59, 33.579, 153.164
Yxy	27.2900, 0.2888, 0.4064
Android (android.graphics.Color)	4284259443 (0xFF5C9C73)
YUV	132.1900, -8.4747, -35.2466
Hunter-Lab	52.2398, -25.1548, 13.3381

Details

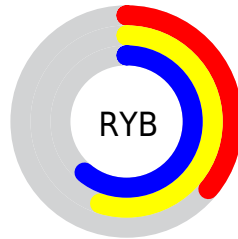
The Yxy color $27.2900, 0.2888, 0.4064$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.4065, 0.3490, 0.2631$, and the grayscale version is $23.1810, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3983, 0.2946, 0.3891$, and $10.7570, 0.2777, 0.4369$ is the 20% darker color. If you saturate the color by 10%, you get $26.3516, 0.2845, 0.4296$, and if you desaturate by 10%, it is $28.4209, 0.2940, 0.3847$.

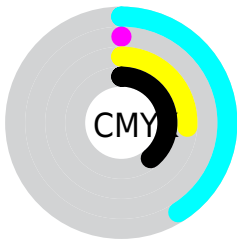
Distribution



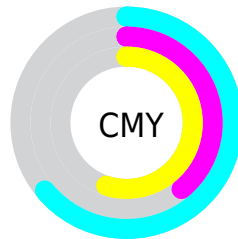
- Red (36%)
- Green (61%)
- Blue (45%)



- Red (36%)
- Yellow (55%)
- Blue (61%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)




- Cyan (64%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2900, 0.2888, 0.4064 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 27.2900, 0.2888, 0.4064 by changing the saturation by 10% instead.


 27.2900, 0.2888,
0.4064


 27.2900, 0.2888,
0.4064


289.0585, 0.3028,
0.3624


 17.7911, 0.2844,
0.4196


 55.3489, 0.2945,
0.3889

 10.8001, 0.2782,
0.4382


 74.6777, 0.2964,
0.3828

 5.9326, 0.2686,
0.4661

 98.0519, 0.2980,
0.3778

 2.8041, 0.2519,
0.5123

 125.8560, 0.2993,
0.3737

 1.0304, 0.1818,
0.7773

158.4743, 0.3003,
0.3702

 0.0000, 0.0000,
0.0000

196.2912, 0.3013,

0.3672

239.6912, 0.3021,
0.3646

■ 27.2900, 0.2888,
0.4064

■ 27.2900, 0.2888,
0.4064

■ 26.3516, 0.2845,
0.4296

■ 28.4209, 0.2940,
0.3847

■ 25.5914, 0.2813,
0.4538

■ 29.7512, 0.2998,
0.3647

■ 24.9984, 0.2797,
0.4782

■ 31.2913, 0.3059,
0.3467


■ 24.5586, 0.2797,
0.5019

■ 33.0500, 0.3121,
0.3306


■ 24.2560, 0.2814,
0.5240

■ 35.0356, 0.3182,
0.3163

 24.0675, 0.2838,
0.5418

 37.2559, 0.3242,
0.3038

 39.7184, 0.3300,
0.2928

 42.4301, 0.3356,
0.2832

 45.3980, 0.3408,
0.2749

Harmonies

Analogous

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



27.2900, 0.3438, 0.4308



27.2900, 0.2888, 0.4064



27.2900, 0.2428, 0.3544

Triad

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



27.2900, 0.2888, 0.4064



27.2900, 0.2337, 0.2417



27.2900, 0.4194, 0.3438

Complementary

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



27.2900, 0.2888, 0.4064



16.4065, 0.3490, 0.2631

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.



27.2900, 0.3846, 0.3012



27.2900, 0.2888, 0.4064



27.2900, 0.2747, 0.2450

Square

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



27.2900, 0.2888, 0.4064



27.2900, 0.2136, 0.2595



27.2900, 0.3299, 0.2663



27.2900, 0.4216, 0.3868

Rectangle

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



27.2900, 0.2888, 0.4064



27.2900, 0.2228, 0.3164



27.2900, 0.3299, 0.2663



27.2900, 0.4110, 0.3292

Sweetspot

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



27.2911, 0.2888, 0.4064



56.4767, 0.3051, 0.3487



29.5868, 0.3481, 0.4367



12.3517, 0.3044, 0.3508



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.



27.2911, 0.2888, 0.4064



48.0253, 0.2849, 0.4270



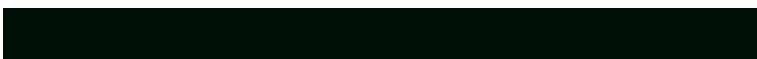
28.1409, 0.2646, 0.3461



7.4385, 0.3070, 0.3437



19.8275, 0.2835, 0.5405



0.3623, 0.2616, 0.4616

Inverse Universe

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



16.4065, 0.3490, 0.2631



25.5738, 0.3601, 0.2494



15.6650, 0.3982, 0.3133



6.7140, 0.3189, 0.3148



6.5840, 0.4350, 0.2170



0.1256, 0.3797, 0.1865

Previews

White Background



This preview shows how the Yxy color 27.2900, 0.2888, 0.4064 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 27.2900, 0.2888, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

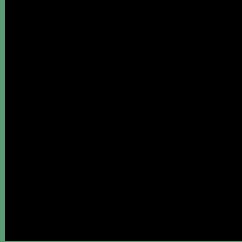
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2900, 0.2888, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 27.2900, 0.2888, 0.4064.



This preview shows how white text looks on a background with the Yxy color 27.2900, 0.2888, 0.4064.

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

27.2900, 0.2888, 0.4064

Protanopia

27.1041, 0.3592, 0.3844

Deuteranopia

26.8327, 0.3637, 0.3556



Tritanopia

27.3049, 0.2599, 0.3083

Trichromacy



Original Color

27.2900, 0.2888, 0.4064

Protanomaly

26.7610, 0.3296, 0.3919

Deuteranomaly

26.3562, 0.3324, 0.3717

Tritanomaly

27.1535, 0.2701, 0.3414

Monochromacy



Original Color

27.2900, 0.2888, 0.4064

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.3380, 0.3019, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2900, 0.2888, 0.4064 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(92, 156, 115)` looks like.

```
.text, #text, p{  
    color:rgb(92, 156, 115)  
}
```

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(92, 156, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 156, 115) }
```

Border

The CSS property to change the border of an element to Yxy 27.2900, 0.2888, 0.4064 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(92, 156, 115) }
```

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

```
.border{ border-color:rgb(92, 156, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 156, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 156, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 156, 115);  
box-shadow:4px 4px 4px 4px rgb(92, 156,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2900, 0.2888, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 156, 115) }
```

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

```
.background{ background-color: rgb(92, 156,  
115) }
```

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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