

Converting Colors

$Yxy(26.9666, 0.2944, 0.4202)$

Have a look what the booklet for
Yxy(26.9666, 0.2944, 0.4202)
contains.

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Color

$Y_{xy}(27.1350, 0.2944, 0.4203)$

Conversions

Conversions Part 1

Format	Color
Hex	5C9C6C
RGB	92, 156, 108
RGB Percent	36%, 61%, 42%
CMY	0.6393, 0.3882, 0.5765
CMYK	0.41, 0.00, 0.31, 0.39
HSL	135°, 26%, 49%
HSV	135°, 41%, 61%
XYZ	19.0068, 27.1350, 18.4193
YIQ	131.3920, -22.7360, -28.4960

Conversions

Conversions Part 2

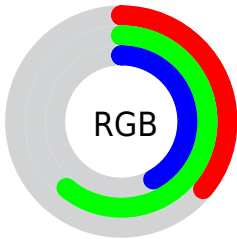
Format	Color
R_{YB}	92, 143, 156
Decimal	6069356
CIE _{Lab}	59.10, -31.31, 18.87
CIE _{LCh}	59, 36.560, 148.928
Yxy	27.1350, 0.2944, 0.4203
Android (android.graphics.Color)	4284259436 (0xFF5C9C6C)
YUV	131.3920, -11.5323, -34.5468
Hunter-Lab	52.0913, -26.0296, 15.4992

Details

The Yxy color $27.1350, 0.2944, 0.4203$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.6130, 0.3388, 0.2528$, and the grayscale version is $22.8913, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1463, 0.2990, 0.3991$, and $10.6780, 0.2850, 0.4582$ is the 20% darker color. If you saturate the color by 10%, you get $26.1813, 0.2910, 0.4476$, and if you desaturate by 10%, it is $28.2898, 0.2984, 0.3946$.

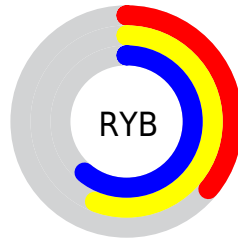
Distribution



 Red (36%)

 Green (61%)

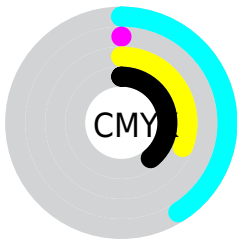
 Blue (42%)




 Red (36%)

 Yellow (56%)

 Blue (61%)

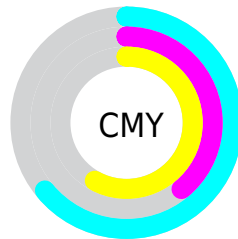


 Cyan (41%)

 Magenta (0%)

 Yellow (31%)

 Black (39%)



 Cyan (64%)


 Magenta (39%)


 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1350, 0.2944, 0.4203 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 27.1350, 0.2944, 0.4203 by changing the saturation by 10% instead.


 27.1350, 0.2944,
0.4203


 27.1350, 0.2944,
0.4203

288.3102, 0.3057,
0.3681


 17.6746, 0.2906,
0.4361


 55.1004, 0.2991,
0.3995

 10.7166, 0.2850,
0.4582


 74.3743, 0.3007,
0.3922

 5.8766, 0.2759,
0.4916

 97.6881, 0.3020,
0.3863

 2.7702, 0.2592,
0.5468

 125.4262, 0.3030,
0.3814

 1.0130, 0.1600,
0.8400

157.9731, 0.3038,
0.3773

 0.0000, 0.0000,
0.0000

195.7131, 0.3045,

0.3738

239.0307, 0.3051,
0.3707

■ 27.1350, 0.2944,
0.4203

■ 27.1350, 0.2944,
0.4203

■ 26.1813, 0.2910,
0.4476

■ 28.2898, 0.2984,
0.3946

■ 25.4138, 0.2886,
0.4756

■ 29.6530, 0.3029,
0.3710

■ 24.8209, 0.2874,
0.5032


■ 31.2355, 0.3075,
0.3498

■ 24.3880, 0.2877,
0.5290


■ 33.0466, 0.3122,
0.3308

■ 24.0984, 0.2893,
0.5517


■ 35.0948, 0.3168,
0.3142

 23.9259, 0.2913,
0.5687

 37.3886, 0.3212,
0.2996

 39.9355, 0.3255,
0.2869

 42.7433, 0.3294,
0.2758

 45.8189, 0.3331,
0.2662

Harmonies

Analogous

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



27.1350, 0.3541, 0.4410



27.1350, 0.2944, 0.4203



27.1350, 0.2426, 0.3656

Triad

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



27.1350, 0.2944, 0.4203



27.1350, 0.2227, 0.2358



27.1350, 0.4258, 0.3376

Complementary

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



27.1350, 0.2944, 0.4203



16.6130, 0.3388, 0.2528

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.



27.1350, 0.3835, 0.2927



27.1350, 0.2944, 0.4203



27.1350, 0.2638, 0.2366

Square

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



27.1350, 0.2944, 0.4203



27.1350, 0.2046, 0.2578



27.1350, 0.3222, 0.2570



27.1350, 0.4331, 0.3845

Rectangle

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



27.1350, 0.2944, 0.4203



27.1350, 0.2189, 0.3233



27.1350, 0.3222, 0.2570



27.1350, 0.4151, 0.3221

Sweetspot

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



27.1361, 0.2944, 0.4203



56.3614, 0.3070, 0.3522



30.1272, 0.3550, 0.4341



12.3242, 0.3064, 0.3546



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.



27.1361, 0.2944, 0.4203



47.7170, 0.2914, 0.4446



27.9471, 0.2694, 0.3579



7.4269, 0.3084, 0.3462



19.7105, 0.2910, 0.5675



0.3586, 0.2710, 0.4957

Inverse Universe

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



16.6130, 0.3388, 0.2528



26.0011, 0.3465, 0.2371



15.8020, 0.3877, 0.3026



6.7262, 0.3173, 0.3124



6.8854, 0.3945, 0.1947



0.1294, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 27.1350, 0.2944, 0.4203 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 27.1350, 0.2944, 0.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

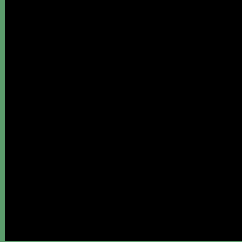
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1350, 0.2944, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 27.1350, 0.2944, 0.4203.



This preview shows how white text looks on a background with the Yxy color 27.1350, 0.2944, 0.4203.

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

27.1350, 0.2944, 0.4203

Protanopia

26.6845, 0.3659, 0.3926

Deuteranopia

26.7775, 0.3728, 0.3664



Tritanopia

27.0112, 0.2612, 0.3083

Trichromacy



Original Color

27.1350, 0.2944, 0.4203

Protanomaly

26.3031, 0.3366, 0.4028

Deuteranomaly

26.1959, 0.3396, 0.3839

Tritanomaly

27.1188, 0.2733, 0.3469

Monochromacy



Original Color

27.1350, 0.2944, 0.4203

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.9681, 0.3049, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1350, 0.2944, 0.4203 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(92, 156, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 156, 108) }
```

Border

The CSS property to change the border of an element to Yxy 27.1350, 0.2944, 0.4203 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, 108) }
```

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

```
.border{ border-color:rgb(92, 156, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 156, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 156, 108);  
box-shadow:4px 4px 4px 4px rgb(92, 156,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1350, 0.2944, 0.4203 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, 108) }
```

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

```
.background{ background-color: rgb(92, 156,  
108) }
```

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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