

Converting Colors

$Y_{xy}(27.3624, 0.3470, 0.4189)$

Have a look what the booklet for
Yxy(27.3624, 0.3470, 0.4189)
contains.

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Color

Yxy(27.4263, 0.3468, 0.4183)

Conversions

Conversions Part 1

Format	Color
Hex	869561
RGB	134, 149, 97
RGB Percent	53%, 58%, 38%
CMY	0.4744, 0.4157, 0.6197
CMYK	0.10, 0.00, 0.35, 0.42
HSL	77°, 21%, 48%
HSV	77°, 35%, 58%
XYZ	22.7383, 27.4263, 15.4015
YIQ	138.5870, 7.7520, -19.3520

Conversions

Conversions Part 2

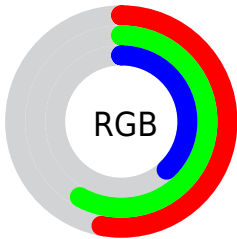
Format	Color
R_{YB}	97, 149, 112
Decimal	8820065
CIE _{Lab}	59.37, -14.47, 25.74
CIE _{LCh}	59, 29.523, 119.339
Yxy	27.4263, 0.3468, 0.4183
Android (android.graphics.Color)	4287010145 (0xFF869561)
YUV	138.5870, -20.5024, -4.0228
Hunter-Lab	52.3701, -14.1457, 19.2226

Details

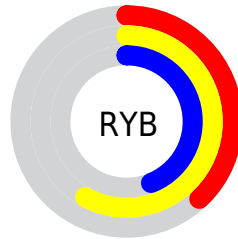
The Yxy color $27.4263, 0.3468, 0.4183$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.1600, 0.2692, 0.2327$, and the grayscale version is $25.7310, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5414, 0.3408, 0.3990$, and $10.8047, 0.3551, 0.4508$ is the 20% darker color. If you saturate the color by 10%, you get $26.8296, 0.3554, 0.4448$, and if you desaturate by 10%, it is $28.0920, 0.3373, 0.3916$.

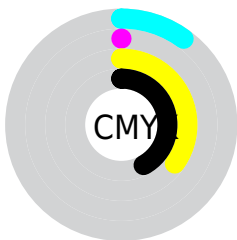
Distribution



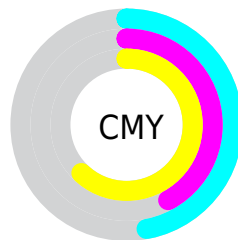
- Red (53%)
- Green (58%)
- Blue (38%)



- Red (38%)
- Yellow (58%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (35%)
- Black (42%)





- Cyan (47%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4263, 0.3468, 0.4183 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 27.4263, 0.3468, 0.4183 by changing the saturation by 10% instead.


 27.4263, 0.3468,
0.4183


 27.4263, 0.3468,
0.4183


289.7153, 0.3294,
0.3685


 17.8936, 0.3510,
0.4326


 55.5672, 0.3405,
0.3989

 10.8737, 0.3562,
0.4520


 74.9442, 0.3381,
0.3920

 5.9819, 0.3622,
0.4799

 98.3715, 0.3361,
0.3863

 2.8341, 0.3722,
0.5281

 126.2334, 0.3343,
0.3816

 1.0457, 0.3769,
0.6231

158.9143, 0.3328,
0.3776

 0.0000, 0.0000,
0.0000

196.7987, 0.3315,

0.3741

240.2709, 0.3304,
0.3711

■ 27.4263, 0.3468,
0.4183

■ 27.4263, 0.3468,
0.4183

■ 26.8296, 0.3554,
0.4448

■ 28.0920, 0.3373,
0.3916

■ 26.2951, 0.3627,
0.4702

■ 28.8258, 0.3275,
0.3655

■ 25.8207, 0.3683,
0.4932


■ 29.6317, 0.3175,
0.3407

■ 25.4025, 0.3716,
0.5130

■ 30.5122, 0.3078,
0.3173

■ 25.0362, 0.3726,
0.5285

■ 31.4696, 0.2984,
0.2958


 24.7164, 0.3712,
0.5395

 32.5063, 0.2896,
0.2760

 24.5640, 0.3701,
0.5443

 33.6244, 0.2813,
0.2581

 34.8260, 0.2736,
0.2419

 36.1131, 0.2665,
0.2273

Harmonies

Analogous

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



27.4263, 0.3882, 0.4072



27.4263, 0.3468, 0.4183



27.4263, 0.2982, 0.4005

Triad

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



27.4263, 0.3468, 0.4183



27.4263, 0.2237, 0.2714



27.4263, 0.3704, 0.3002

Complementary

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



27.4263, 0.3468, 0.4183



14.1600, 0.2692, 0.2327

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.



27.4263, 0.3216, 0.2700



27.4263, 0.3468, 0.4183



27.4263, 0.2393, 0.2525

Square

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



27.4263, 0.3468, 0.4183



27.4263, 0.2293, 0.3090



27.4263, 0.2738, 0.2528



27.4263, 0.4038, 0.3380

Rectangle

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



27.4263, 0.3468, 0.4183



27.4263, 0.2684, 0.3738



27.4263, 0.2738, 0.2528



27.4263, 0.3550, 0.2890

Sweetspot

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



27.4275, 0.3468, 0.4183



52.2861, 0.3228, 0.3537



18.7802, 0.3836, 0.3546



11.5471, 0.3240, 0.3568



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.4275, 0.3468, 0.4183



48.2591, 0.3537, 0.4394



25.5620, 0.3191, 0.4266



6.6616, 0.3218, 0.3512



20.6897, 0.3704, 0.5441



0.2683, 0.3945, 0.5250

Inverse Universe

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



14.1600, 0.2692, 0.2327



20.7854, 0.2567, 0.2078



16.0975, 0.3018, 0.2413



5.7091, 0.3031, 0.3064



2.2707, 0.1708, 0.0714



0.0413, 0.2155, 0.0961

Previews

White Background



This preview shows how the Yxy color 27.4263, 0.3468, 0.4183 looks on a white background.

Color Contrast Check

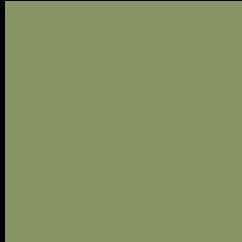
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4263, 0.3468, 0.4183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

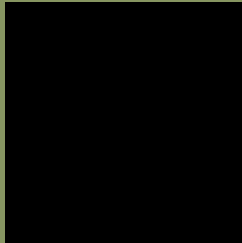
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4263, 0.3468, 0.4183

Background



This preview shows how black text looks on a background with the Yxy color 27.4263, 0.3468, 0.4183.



This preview shows how white text looks on a background with the Yxy color 27.4263, 0.3468, 0.4183.

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

27.4263, 0.3468, 0.4183

Protanopia

27.4216, 0.3767, 0.4073

Deuteranopia

27.3575, 0.3916, 0.3850



Tritanopia

27.3967, 0.3020, 0.3113

Trichromacy



Original Color

27.4263, 0.3468, 0.4183

Protanomaly

27.2801, 0.3653, 0.4113

Deuteranomaly

27.1187, 0.3750, 0.3960

Tritanomaly

27.4332, 0.3181, 0.3490

Monochromacy



Original Color

27.4263, 0.3468, 0.4183

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.4185, 0.3252, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4263, 0.3468, 0.4183 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(134, 149, 97)` looks like.

```
.text, #text, p{  
    color:rgb(134, 149, 97)  
}
```

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(134, 149, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 149, 97) }
```

Border

The CSS property to change the border of an element to Yxy 27.4263, 0.3468, 0.4183 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(134, 149, 97) }
```

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

```
.border{ border-color:rgb(134, 149, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 149, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 149, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 149, 97);  
box-shadow:4px 4px 4px 4px rgb(134, 149,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4263, 0.3468, 0.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 149, 97) }
```

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

```
.background{ background-color: rgb(134,  
149, 97) }
```

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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