

Converting Colors

$Y_{xy}(27.0278, 0.3497, 0.3963)$

Have a look what the booklet for
Yxy(27.0278, 0.3497, 0.3963)
contains.

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Color

Yxy(27.0215, 0.3495, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	8E9169
RGB	142, 145, 105
RGB Percent	56%, 57%, 41%
CMY	0.4432, 0.4314, 0.5881
CMYK	0.02, 0.00, 0.28, 0.43
HSL	65°, 16%, 49%
HSV	65°, 28%, 57%
XYZ	23.8305, 27.0215, 17.3325
YIQ	139.5430, 11.0520, -13.0760

Conversions

Conversions Part 2

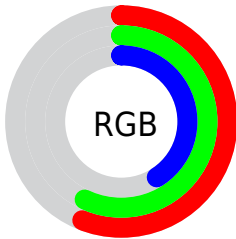
Format	Color
R_{YB}	105, 145, 108
Decimal	9343337
CIE _{Lab}	58.99, -7.97, 20.91
CIE _{LCh}	59, 22.375, 110.860
Yxy	27.0215, 0.3495, 0.3963
Android (android.graphics.Color)	4287533417 (0xFF8E9169)
YUV	139.5430, -17.0297, 2.1548
Hunter-Lab	51.9822, -9.1382, 16.6184

Details

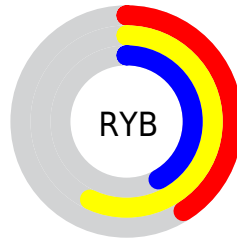
The Yxy color $27.0215, 0.3495, 0.3963$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.3452, 0.2699, 0.2533$, and the grayscale version is $26.1040, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9829, 0.3424, 0.3828$, and $10.7040, 0.3614, 0.4230$ is the 20% darker color. If you saturate the color by 10%, you get $26.6531, 0.3625, 0.4208$, and if you desaturate by 10%, it is $27.4441, 0.3361, 0.3715$.

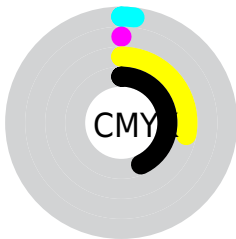
Distribution



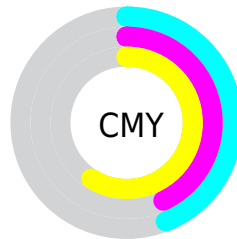
- Red (56%)
- Green (57%)
- Blue (41%)



- Red (41%)
- Yellow (57%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0215, 0.3495, 0.3963 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 27.0215, 0.3495, 0.3963 by changing the saturation by 10% instead.


 27.0215, 0.3495,
0.3963


 27.0215, 0.3495,
0.3963


287.7612, 0.3300,
0.3591


 17.5894, 0.3547,
0.4069


 54.9184, 0.3422,
0.3818


 10.6556, 0.3614,
0.4213


 74.1519, 0.3395,
0.3767

 5.8357, 0.3704,
0.4420

 97.4213, 0.3372,
0.3725

 2.7455, 0.3829,
0.4741

 125.1111, 0.3353,
0.3689

 1.0003, 0.4291,
0.5709

157.6056, 0.3337,
0.3659

 0.0000, 0.0000,
0.0000

195.2892, 0.3323,

0.3633

238.5462, 0.3310,
0.3611

■ 27.0215, 0.3495,
0.3963

■ 27.0215, 0.3495,
0.3963

■ 26.6531, 0.3625,
0.4208

■ 27.4441, 0.3361,
0.3715

■ 26.3328, 0.3746,
0.4440

■ 27.9196, 0.3227,
0.3470

■ 26.0589, 0.3852,
0.4651

■ 28.4517, 0.3096,
0.3234

■ 25.8282, 0.3939,
0.4832

■ 29.0422, 0.2971,
0.3011

■ 25.6375, 0.4004,
0.4975

■ 29.6934, 0.2854,
0.2803

■ 25.4825, 0.4043,
0.5076

■ 30.4070, 0.2745,
0.2611

■ 25.3558, 0.4061,
0.5140

■ 31.1850, 0.2644,
0.2436

■ 25.3262, 0.4064,
0.5155

■ 32.0290, 0.2552,
0.2277

■ 32.9407, 0.2469,
0.2133

Harmonies

Analogous

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



27.0215, 0.3773, 0.3842



27.0215, 0.3495, 0.3963



27.0215, 0.3128, 0.3883

Triad

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



27.0215, 0.3495, 0.3963



27.0215, 0.2431, 0.2924



27.0215, 0.3470, 0.2994

Complementary

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



27.0215, 0.3495, 0.3963



15.3452, 0.2699, 0.2533

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.



27.0215, 0.3090, 0.2779



27.0215, 0.3495, 0.3963



27.0215, 0.2507, 0.2727

Square

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



27.0215, 0.3495, 0.3963



27.0215, 0.2525, 0.3246



27.0215, 0.2742, 0.2681



27.0215, 0.3765, 0.3282

Rectangle

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



27.0215, 0.3495, 0.3963



27.0215, 0.2885, 0.3718



27.0215, 0.2742, 0.2681



27.0215, 0.3347, 0.2912

Sweetspot

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



27.0227, 0.3495, 0.3963



49.9426, 0.3235, 0.3484



17.7020, 0.3689, 0.3339



11.0829, 0.3253, 0.3518



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



27.0227, 0.3495, 0.3963



47.9745, 0.3575, 0.4114



25.4362, 0.3275, 0.4013



6.2650, 0.3248, 0.3508



21.7266, 0.4065, 0.5154



0.2117, 0.4133, 0.5100

Inverse Universe

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



15.3452, 0.2699, 0.2533



23.5281, 0.2586, 0.2336



16.7188, 0.2937, 0.2582



5.2732, 0.3001, 0.3064



1.8193, 0.1533, 0.0618



0.0205, 0.1690, 0.0705

Previews

White Background



This preview shows how the Yxy color 27.0215, 0.3495, 0.3963 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 27.0215, 0.3495, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

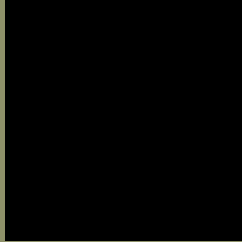
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0215, 0.3495, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 27.0215, 0.3495, 0.3963.



This preview shows how white text looks on a background with the Yxy color 27.0215, 0.3495, 0.3963.

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

27.0215, 0.3495, 0.3963

Protanopia

27.0209, 0.3634, 0.3909

Deuteranopia

26.8853, 0.3808, 0.3737



Tritanopia

26.9631, 0.3114, 0.3115

Trichromacy



Original Color

27.0215, 0.3495, 0.3963

Protanomaly

26.9403, 0.3583, 0.3934

Deuteranomaly

26.7749, 0.3697, 0.3817

Tritanomaly

26.8820, 0.3253, 0.3405

Monochromacy



Original Color

27.0215, 0.3495, 0.3963

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.5410, 0.3268, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0215, 0.3495, 0.3963 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(142, 145, 105)` looks like.

```
.text, #text, p{  
    color:rgb(142, 145, 105)  
}
```

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(142, 145, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 145, 105) }
```

Border

The CSS property to change the border of an element to Yxy 27.0215, 0.3495, 0.3963 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(142, 145, 105) }
```

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

```
.border{ border-color:rgb(142, 145, 105) }
```

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

Here you see how a box with a 4 pixel rgb(142, 145, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 145, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 145, 105);  
box-shadow:4px 4px 4px 4px rgb(142, 145,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0215, 0.3495, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 145, 105) }
```

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

```
.background{ background-color: rgb(142,  
145, 105) }
```

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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