

Converting Colors

$Y_{xy}(27.3560, 0.3156, 0.4235)$

Have a look what the booklet for
Yxy(27.3560, 0.3156, 0.4235)
contains.

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Color

Yxy(27.3855, 0.3158, 0.4242)

Conversions

Conversions Part 1

Format	Color
Hex	6E9A66
RGB	110, 154, 102
RGB Percent	43%, 60%, 40%
CMY	0.5685, 0.3961, 0.5999
CMYK	0.29, 0.00, 0.34, 0.40
HSL	111°, 20%, 50%
HSV	111°, 34%, 60%
XYZ	20.3874, 27.3855, 16.7851
YIQ	134.9160, -9.5320, -25.5000

Conversions

Conversions Part 2

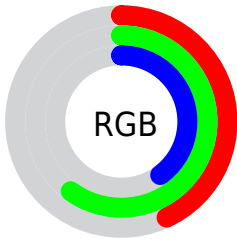
Format	Color
R_{YB}	102, 154, 146
Decimal	7248486
CIE _{Lab}	59.33, -25.39, 22.64
CIE _{LCh}	59, 34.020, 138.280
Yxy	27.3855, 0.3158, 0.4242
Android (android.graphics.Color)	4285438566 (0xFF6E9A66)
YUV	134.9160, -16.2276, -21.8513
Hunter-Lab	52.3312, -22.0387, 17.6147

Details

The Yxy color $27.3855, 0.3158, 0.4242$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.9479, 0.3064, 0.2451$, and the grayscale version is $24.2627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6874, 0.3165, 0.4037$, and $10.9275, 0.3138, 0.4647$ is the 20% darker color. If you saturate the color by 10%, you get $26.3336, 0.3159, 0.4573$, and if you desaturate by 10%, it is $28.6193, 0.3152, 0.3928$.

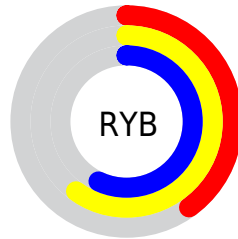
Distribution



Red (43%)

Green (60%)

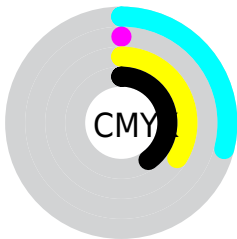
Blue (40%)



Red (40%)

Yellow (60%)

Blue (57%)

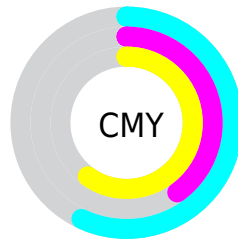


Cyan (29%)

Magenta (0%)

Yellow (34%)

Black (40%)



Cyan (57%)

Magenta (40%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3855, 0.3158, 0.4242 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 27.3855, 0.3158, 0.4242 by changing the saturation by 10% instead.


 27.3855, 0.3158,
0.4242


 27.3855, 0.3158,
0.4242


289.5188, 0.3155,
0.3701


 17.8630, 0.3152,
0.4403


 55.5019, 0.3161,
0.4027


 10.8516, 0.3138,
0.4627


 74.8645, 0.3161,
0.3953

 5.9672, 0.3105,
0.4960

 98.2759, 0.3160,
0.3891

 2.8251, 0.3031,
0.5512

 126.1205, 0.3159,
0.3840

 1.0411, 0.2579,
0.7421

158.7827, 0.3158,
0.3798

 0.0000, 0.0000,
0.0000

196.6469, 0.3157,

0.3761

240.0975, 0.3156,
0.3729

■ 27.3855, 0.3158,
0.4242

■ 27.3855, 0.3158,
0.4242

■ 26.3336, 0.3159,
0.4573

■ 28.6193, 0.3152,
0.3928

■ 25.4517, 0.3154,
0.4908

■ 30.0394, 0.3143,
0.3640

■ 24.7317, 0.3142,
0.5229


■ 31.6546, 0.3132,
0.3380

■ 24.1636, 0.3122,
0.5512


■ 33.4716, 0.3119,
0.3150

■ 23.7361, 0.3096,
0.5737


■ 35.4974, 0.3106,
0.2947


 23.4364, 0.3066,
0.5890

 37.7382, 0.3093,
0.2771

 23.3013, 0.3050,
0.5960

 40.2002, 0.3079,
0.2617

 42.8891, 0.3067,
0.2483

 45.8107, 0.3055,
0.2366

Harmonies

Analogous

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



27.3855, 0.3704, 0.4308



27.3855, 0.3158, 0.4242



27.3855, 0.2631, 0.3830

Triad

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



27.3855, 0.3158, 0.4242



27.3855, 0.2200, 0.2469



27.3855, 0.4068, 0.3220

Complementary

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



27.3855, 0.3158, 0.4242



17.9479, 0.3064, 0.2451

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.



27.3855, 0.3593, 0.2820



27.3855, 0.3158, 0.4242



27.3855, 0.2513, 0.2400

Square

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



27.3855, 0.3158, 0.4242



27.3855, 0.2110, 0.2758



27.3855, 0.3013, 0.2529



27.3855, 0.4261, 0.3662

Rectangle

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



27.3855, 0.3158, 0.4242



27.3855, 0.2359, 0.3447



27.3855, 0.3013, 0.2529



27.3855, 0.3934, 0.3079

Sweetspot

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



27.3867, 0.3158, 0.4242



55.5733, 0.3139, 0.3544



28.1821, 0.3662, 0.3984



12.4940, 0.3141, 0.3579



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.



27.3867, 0.3158, 0.4242



48.1844, 0.3159, 0.4508



27.2760, 0.2937, 0.3929



6.9690, 0.3138, 0.3518



18.9956, 0.3054, 0.5957



0.2942, 0.3258, 0.5795

Inverse Universe

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



17.9479, 0.3064, 0.2451



28.1800, 0.3041, 0.2250



18.1720, 0.3389, 0.2728



6.2754, 0.3114, 0.3069



5.7964, 0.2831, 0.1333



0.0981, 0.3012, 0.1433

Previews

White Background



This preview shows how the Yxy color 27.3855, 0.3158, 0.4242 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 27.3855, 0.3158, 0.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

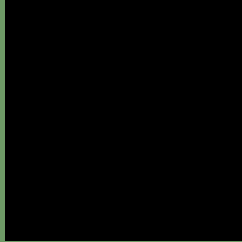
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3855, 0.3158, 0.4242

Background



This preview shows how black text looks on a background with the Yxy color 27.3855, 0.3158, 0.4242.



This preview shows how white text looks on a background with the Yxy color 27.3855, 0.3158, 0.4242.

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

27.3855, 0.3158, 0.4242

Protanopia

27.0791, 0.3730, 0.4015

Deuteranopia

26.9738, 0.3831, 0.3751



Tritanopia

27.3637, 0.2758, 0.3089

Trichromacy



Original Color

27.3855, 0.3158, 0.4242

Protanomaly

26.8619, 0.3505, 0.4092

Deuteranomaly

26.8679, 0.3561, 0.3920

Tritanomaly

27.3607, 0.2903, 0.3499

Monochromacy



Original Color

27.3855, 0.3158, 0.4242

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.2117, 0.3143, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3855, 0.3158, 0.4242 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(110, 154, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 154, 102)  
}
```

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(110, 154, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 154, 102) }
```

Border

The CSS property to change the border of an element to Yxy 27.3855, 0.3158, 0.4242 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(110, 154, 102) }
```

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

```
.border{ border-color:rgb(110, 154, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 154, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 154, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 154, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 154,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3855, 0.3158, 0.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 154, 102) }
```

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

```
.background{ background-color: rgb(110,  
154, 102) }
```

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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