

Converting Colors

$Y_{xy}(24.2554, 0.3063, 0.4018)$

Have a look what the booklet for
Yxy(24.2554, 0.3063, 0.4018)
contains.

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Color

Yxy(24.2554, 0.3063, 0.4018)

Conversions

Conversions Part 1

Format	Color
Hex	68916B
RGB	104, 145, 107
RGB Percent	41%, 57%, 42%
CMY	0.5921, 0.4314, 0.5803
CMYK	0.28, 0.00, 0.26, 0.43
HSL	124°, 16%, 49%
HSV	124°, 28%, 57%
XYZ	18.4904, 24.2554, 17.6211
YIQ	128.4090, -12.2380, -20.5100

Conversions

Conversions Part 2

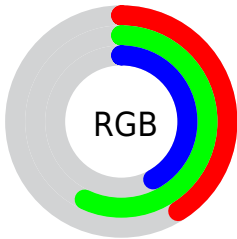
Format	Color
RYB	104, 142, 145
Decimal	6852971
CIELab	56.34, -22.11, 15.74
CIELCh	56, 27.136, 144.551
Yxy	24.2554, 0.3063, 0.4018
Android (android.graphics.Color)	4285043051 (0xFF68916B)
YUV	128.4090, -10.5546, -21.4067
Hunter-Lab	49.2498, -19.1709, 13.2615

Details

The Yxy color $24.2554, 0.3063, 0.4018$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.8772, 0.3196, 0.2656$, and the grayscale version is $21.7787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4180, 0.3078, 0.3842$, and $9.1334, 0.3023, 0.4336$ is the 20% darker color. If you saturate the color by 10%, you get $23.2005, 0.3040, 0.4328$, and if you desaturate by 10%, it is $25.5055, 0.3086, 0.3733$.

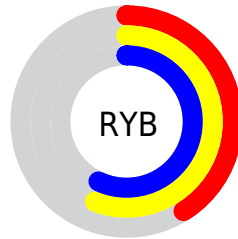
Distribution



Red (41%)

Green (57%)

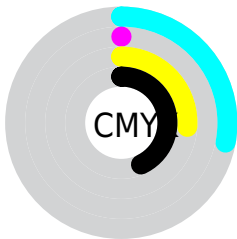
Blue (42%)



Red (41%)

Yellow (56%)

Blue (57%)

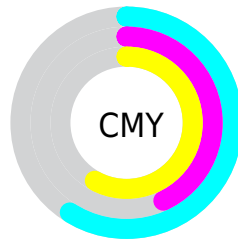


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (43%)



Cyan (59%)


Magenta (43%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2554, 0.3063, 0.4018 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 24.2554, 0.3063, 0.4018 by changing the saturation by 10% instead.


 24.2554, 0.3063,
0.4018


 24.2554, 0.3063,
0.4018


274.1092, 0.3107,
0.3599


 15.5232, 0.3046,
0.4146


 50.4467, 0.3083,
0.3850


 9.1874, 0.3019,
0.4328


 68.6745, 0.3089,
0.3792

 4.8636, 0.2972,
0.4607

 90.8363, 0.3094,
0.3745

 2.1675, 0.2878,
0.5083

 117.3165, 0.3097,
0.3705

 0.7022, 0.1539,
0.8461

148.4995, 0.3100,
0.3673

 0.0000, 0.0000,
0.0000

184.7697, 0.3103,

0.3644

226.5114, 0.3105,
0.3620

■ 24.2554, 0.3063,
0.4018

■ 24.2554, 0.3063,
0.4018

■ 23.2005, 0.3040,
0.4328

■ 25.5055, 0.3086,
0.3733

■ 22.3282, 0.3019,
0.4654

■ 26.9567, 0.3109,
0.3478

■ 21.6289, 0.3001,
0.4983

■ 28.6186, 0.3131,
0.3253

■ 21.0911, 0.2988,
0.5295

■ 30.4989, 0.3151,
0.3056

■ 20.7018, 0.2981,
0.5566

■ 32.6054, 0.3170,
0.2886

■ 20.4460, 0.2981,
0.5778

■ 34.9450, 0.3187,
0.2739

■ 20.2955, 0.2984,
0.5920

■ 37.5247, 0.3202,
0.2612

■ 20.2736, 0.2983,
0.5939

■ 40.3511, 0.3216,
0.2503

■ 43.4305, 0.3229,
0.2408

Harmonies

Analogous

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



24.2554, 0.3527, 0.4144



24.2554, 0.3063, 0.4018



24.2554, 0.2636, 0.3640

Triad

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



24.2554, 0.3063, 0.4018



24.2554, 0.2385, 0.2572



24.2554, 0.3963, 0.3318

Complementary

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



24.2554, 0.3063, 0.4018



17.8772, 0.3196, 0.2656

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.



24.2554, 0.3611, 0.2961



24.2554, 0.3063, 0.4018



24.2554, 0.2691, 0.2545

Square

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



24.2554, 0.3063, 0.4018



24.2554, 0.2266, 0.2785



24.2554, 0.3136, 0.2686



24.2554, 0.4068, 0.3692

Rectangle

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



24.2554, 0.3063, 0.4018



24.2554, 0.2427, 0.3325



24.2554, 0.3136, 0.2686



24.2554, 0.3869, 0.3194

Sweetspot

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



24.2564, 0.3063, 0.4018



48.3032, 0.3109, 0.3476



27.0246, 0.3508, 0.3979



10.6607, 0.3106, 0.3509



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.



24.2564, 0.3063, 0.4018



42.1830, 0.3048, 0.4215



24.7332, 0.2881, 0.3621



6.0354, 0.3107, 0.3500



17.3915, 0.2982, 0.5934



0.1673, 0.2897, 0.5629

Inverse Universe

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



17.8772, 0.3196, 0.2656



28.7931, 0.3215, 0.2512



17.3237, 0.3466, 0.2983



5.5043, 0.3148, 0.3089



6.6509, 0.3397, 0.1645



0.0649, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 24.2554, 0.3063, 0.4018 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 24.2554, 0.3063, 0.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

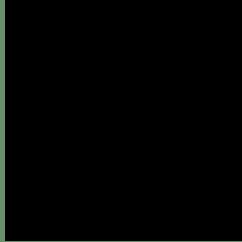
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2554, 0.3063, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 24.2554, 0.3063, 0.4018.



This preview shows how white text looks on a background with the Yxy color 24.2554, 0.3063, 0.4018.

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

24.2554, 0.3063, 0.4018

Protanopia

23.9388, 0.3595, 0.3838

Deuteranopia

23.8942, 0.3674, 0.3601



Tritanopia

24.1120, 0.2749, 0.3095

Trichromacy



Original Color

24.2554, 0.3063, 0.4018

Protanomaly

23.8436, 0.3378, 0.3903

Deuteranomaly

23.7504, 0.3429, 0.3746

Tritanomaly

24.0222, 0.2865, 0.3418

Monochromacy



Original Color

24.2554, 0.3063, 0.4018

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.3282, 0.3104, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2554, 0.3063, 0.4018 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(104, 145, 107)` looks like.

```
.text, #text, p{  
    color:rgb(104, 145, 107)  
}
```

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(104, 145, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 145, 107) }
```

Border

The CSS property to change the border of an element to Yxy 24.2554, 0.3063, 0.4018 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(104, 145, 107) }
```

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

```
.border{ border-color:rgb(104, 145, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 145, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 145, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 145, 107);  
box-shadow:4px 4px 4px 4px rgb(104, 145,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2554, 0.3063, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 145, 107) }
```

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

```
.background{ background-color: rgb(104,  
145, 107) }
```

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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