

Converting Colors

$Yxy(25.0164, 0.3074, 0.4164)$

Have a look what the booklet for
Yxy(25.0164, 0.3074, 0.4164)
contains.

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Color

Yxy(24.9258, 0.3067, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	659467
RGB	101, 148, 103
RGB Percent	40%, 58%, 40%
CMY	0.6040, 0.4196, 0.5960
CMYK	0.32, 0.00, 0.30, 0.42
HSL	123°, 19%, 49%
HSV	123°, 32%, 58%
XYZ	18.4033, 24.9258, 16.6752
YIQ	128.8170, -13.5670, -23.9590

Conversions

Conversions Part 2

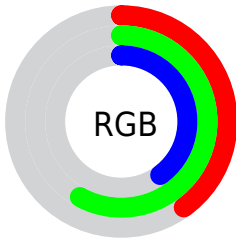
Format	Color
RYB	101, 146, 148
Decimal	6657127
CIELab	57.00, -25.41, 18.86
CIElCh	57, 31.644, 143.409
Yxy	24.9258, 0.3067, 0.4154
Android (android.graphics.Color)	4284847207 (0xFF659467)
YUV	128.8170, -12.7278, -24.3955
Hunter-Lab	49.9257, -21.5725, 15.1452

Details

The Yxy color $24.9258, 0.3067, 0.4154$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.6742, 0.3189, 0.2556$, and the grayscale version is $21.9336, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3465, 0.3088, 0.3956$, and $9.5650, 0.3018, 0.4508$ is the 20% darker color. If you saturate the color by 10%, you get $23.8875, 0.3047, 0.4482$, and if you desaturate by 10%, it is $26.1682, 0.3087, 0.3849$.

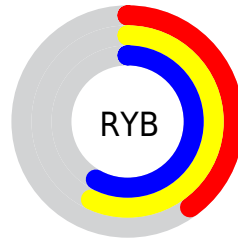
Distribution



Red (40%)

Green (58%)

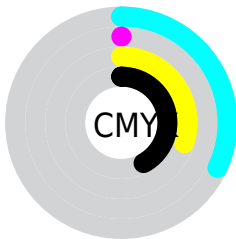
Blue (40%)



Red (40%)

Yellow (57%)

Blue (58%)

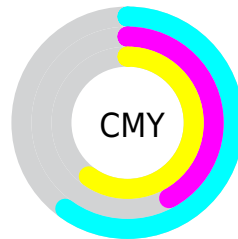


Cyan (32%)

Magenta (0%)

Yellow (30%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9258, 0.3067, 0.4154 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 24.9258, 0.3067, 0.4154 by changing the saturation by 10% instead.


 24.9258, 0.3067,
0.4154


 24.9258, 0.3067,
0.4154


277.4682, 0.3112,
0.3656


 16.0218, 0.3048,
0.4306


 51.5368, 0.3088,
0.3954


 9.5396, 0.3017,
0.4522


 70.0126, 0.3094,
0.3885

 5.0948, 0.2962,
0.4850

 92.4478, 0.3099,
0.3829

 2.3030, 0.2856,
0.5423

 119.2268, 0.3103,
0.3783

 0.7753, 0.1308,
0.8692

150.7339, 0.3106,
0.3744

 0.0000, 0.0000,
0.0000

187.3536, 0.3108,

0.3710

229.4702, 0.3110,
0.3681

■ 24.9258, 0.3067,
0.4154

■ 24.9258, 0.3067,
0.4154

■ 23.8875, 0.3047,
0.4482

■ 26.1682, 0.3087,
0.3849

■ 23.0396, 0.3029,
0.4820

■ 27.6214, 0.3106,
0.3574

■ 22.3712, 0.3013,
0.5151


■ 29.2959, 0.3124,
0.3330


■ 21.8696, 0.3001,
0.5452


■ 31.2002, 0.3141,
0.3117

■ 21.5200, 0.2994,
0.5698


■ 33.3426, 0.3156,
0.2932

 21.3052, 0.2992,
0.5873

 35.7309, 0.3169,
0.2772

 21.1960, 0.2990,
0.5965

 38.3727, 0.3181,
0.2635

 41.2750, 0.3192,
0.2517

 44.4447, 0.3202,
0.2415

Harmonies

Analogous

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



24.9258, 0.3599, 0.4279



24.9258, 0.3067, 0.4154



24.9258, 0.2576, 0.3717

Triad

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



24.9258, 0.3067, 0.4154



24.9258, 0.2270, 0.2473



24.9258, 0.4084, 0.3297

Complementary

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



24.9258, 0.3067, 0.4154



17.6742, 0.3189, 0.2556

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.



24.9258, 0.3665, 0.2898



24.9258, 0.3067, 0.4154



24.9258, 0.2608, 0.2440

Square

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



24.9258, 0.3067, 0.4154



24.9258, 0.2146, 0.2718



24.9258, 0.3112, 0.2594



24.9258, 0.4215, 0.3724

Rectangle

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



24.9258, 0.3067, 0.4154



24.9258, 0.2335, 0.3346



24.9258, 0.3112, 0.2594



24.9258, 0.3971, 0.3158

Sweetspot

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



24.9269, 0.3067, 0.4154



49.1708, 0.3109, 0.3534



28.2725, 0.3574, 0.4062



11.1432, 0.3107, 0.3566



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.



24.9269, 0.3067, 0.4154



42.6607, 0.3053, 0.4381



25.4553, 0.2866, 0.3699



6.4722, 0.3111, 0.3508



18.1040, 0.2989, 0.5961



0.2224, 0.2937, 0.5774

Inverse Universe

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



17.6742, 0.3189, 0.2556



27.8371, 0.3203, 0.2398



17.0278, 0.3500, 0.2916



5.9049, 0.3144, 0.3081



7.0369, 0.3318, 0.1601



0.0872, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 24.9258, 0.3067, 0.4154 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 24.9258, 0.3067, 0.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

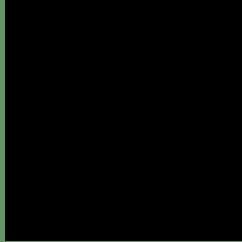
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9258, 0.3067, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 24.9258, 0.3067, 0.4154.



This preview shows how white text looks on a background with the Yxy color 24.9258, 0.3067, 0.4154.

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

24.9258, 0.3067, 0.4154

Protanopia

24.6932, 0.3667, 0.3929

Deuteranopia

24.6651, 0.3737, 0.3677



Tritanopia

24.9609, 0.2711, 0.3096

Trichromacy



Original Color

24.9258, 0.3067, 0.4154

Protanomaly

24.4221, 0.3425, 0.4005

Deuteranomaly

24.3352, 0.3467, 0.3830

Tritanomaly

24.8216, 0.2840, 0.3454

Monochromacy



Original Color

24.9258, 0.3067, 0.4154

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.8863, 0.3102, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9258, 0.3067, 0.4154 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(101, 148, 103)` looks like.

```
.text, #text, p{  
    color:rgb(101, 148, 103)  
}
```

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(101, 148, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 148, 103) }
```

Border

The CSS property to change the border of an element to Yxy 24.9258, 0.3067, 0.4154 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(101, 148, 103) }
```

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

```
.border{ border-color:rgb(101, 148, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 148, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 148, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 148, 103);  
box-shadow:4px 4px 4px 4px rgb(101, 148,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9258, 0.3067, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 148, 103) }
```

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

```
.background{ background-color: rgb(101,  
148, 103) }
```

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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