

Converting Colors

$Yxy(24.3162, 0.3466, 0.4073)$

Have a look what the booklet for
Yxy(24.3162, 0.3466, 0.4073)
contains.

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Color

$\text{Yxy}(24.3465, 0.3466, 0.4077)$

Conversions

Conversions Part 1

Format	Color
Hex	828C60
RGB	130, 140, 96
RGB Percent	51%, 55%, 38%
CMY	0.4901, 0.4510, 0.6236
CMYK	0.07, 0.00, 0.31, 0.45
HSL	74°, 19%, 46%
HSV	74°, 31%, 55%
XYZ	20.6978, 24.3465, 14.6724
YIQ	131.9940, 8.1640, -15.8040

Conversions

Conversions Part 2

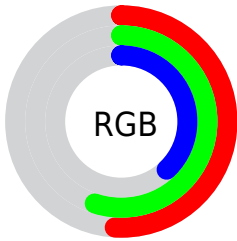
Format	Color
R_{YB}	96, 140, 106
Decimal	8555616
CIE _{Lab}	56.43, -11.40, 22.35
CIE _{LCh}	56, 25.087, 117.020
Yxy	24.3465, 0.3466, 0.4077
Android (android.graphics.Color)	4286745696 (0xFF828C60)
YUV	131.9940, -17.7450, -1.7487
Hunter-Lab	49.3422, -11.4725, 16.9090

Details

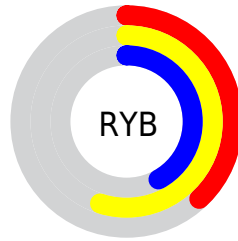
The Yxy color $24.3465, 0.3466, 0.4077$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.3195, 0.2712, 0.2432$, and the grayscale version is $23.1367, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7574, 0.3393, 0.3907$, and $9.2396, 0.3572, 0.4389$ is the 20% darker color. If you saturate the color by 10%, you get $23.8652, 0.3566, 0.4335$, and if you desaturate by 10%, it is $24.8836, 0.3359, 0.3818$.

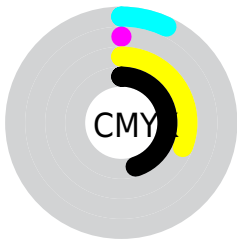
Distribution



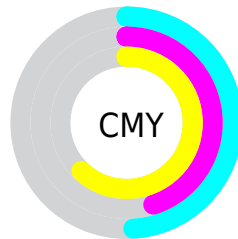
- Red (51%)
- Green (55%)
- Blue (38%)



- Red (38%)
- Yellow (55%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (45%)




- Cyan (49%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3465, 0.3466, 0.4077 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 24.3465, 0.3466, 0.4077 by changing the saturation by 10% instead.


 24.3465, 0.3466,
0.4077


 24.3465, 0.3466,
0.4077


274.5676, 0.3286,
0.3632


 15.5909, 0.3513,
0.4208


 50.5950, 0.3399,
0.3901

 9.2351, 0.3572,
0.4389


 68.8567, 0.3374,
0.3840

 4.8948, 0.3647,
0.4655

 91.0559, 0.3353,
0.3789

 2.1857, 0.3820,
0.5187

 117.5769, 0.3336,
0.3747

 0.7122, 0.3589,
0.6411

148.8042, 0.3321,
0.3712

 0.0000, 0.0000,
0.0000

185.1222, 0.3308,

0.3681

226.9152, 0.3296,
0.3655

■ 24.3465, 0.3466,
0.4077

■ 24.3465, 0.3466,
0.4077

■ 23.8652, 0.3566,
0.4335

■ 24.8836, 0.3359,
0.3818

■ 23.4340, 0.3655,
0.4584

■ 25.4757, 0.3250,
0.3565

■ 23.0511, 0.3728,
0.4812


■ 26.1259, 0.3142,
0.3323

■ 22.7137, 0.3780,
0.5009

■ 26.8363, 0.3038,
0.3097


■ 22.4183, 0.3810,
0.5168

■ 27.6089, 0.2938,
0.2887


 22.1608, 0.3814,
0.5284

 28.4454, 0.2844,
0.2695

 21.9607, 0.3806,
0.5360

 29.3478, 0.2757,
0.2520

 30.3176, 0.2676,
0.2361

 31.3565, 0.2602,
0.2218

Harmonies

Analogous

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



24.3465, 0.3821, 0.3970



24.3465, 0.3466, 0.4077



24.3465, 0.3035, 0.3937

Triad

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



24.3465, 0.3466, 0.4077



24.3465, 0.2329, 0.2802



24.3465, 0.3607, 0.3011

Complementary

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



24.3465, 0.3466, 0.4077



13.3195, 0.2712, 0.2432

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.



24.3465, 0.3173, 0.2745



24.3465, 0.3466, 0.4077



24.3465, 0.2455, 0.2616

Square

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



24.3465, 0.3466, 0.4077



24.3465, 0.2395, 0.3149



24.3465, 0.2754, 0.2602



24.3465, 0.3916, 0.3348

Rectangle

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



24.3465, 0.3466, 0.4077



24.3465, 0.2764, 0.3714



24.3465, 0.2754, 0.2602



24.3465, 0.3470, 0.2912

Sweetspot

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



24.3476, 0.3466, 0.4077



45.1650, 0.3226, 0.3510



16.6302, 0.3758, 0.3466



10.3736, 0.3240, 0.3542



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.3476, 0.3466, 0.4077



42.2923, 0.3541, 0.4268



22.8168, 0.3219, 0.4143



5.7888, 0.3225, 0.3508



19.5229, 0.3808, 0.5358



0.1362, 0.4003, 0.5204

Inverse Universe

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



13.3195, 0.2712, 0.2432



19.5590, 0.2592, 0.2200



14.8103, 0.2993, 0.2498



4.9434, 0.3023, 0.3067



1.9592, 0.1643, 0.0678



0.0186, 0.2030, 0.0892

Previews

White Background



This preview shows how the Yxy color 24.3465, 0.3466, 0.4077 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 24.3465, 0.3466, 0.4077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

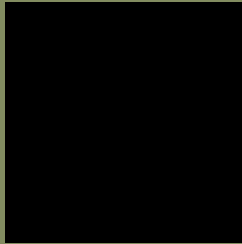
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3465, 0.3466, 0.4077

Background



This preview shows how black text looks on a background with the Yxy color 24.3465, 0.3466, 0.4077.



This preview shows how white text looks on a background with the Yxy color 24.3465, 0.3466, 0.4077.

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

24.3465, 0.3466, 0.4077

Protanopia

24.2471, 0.3703, 0.3984

Deuteranopia

24.3207, 0.3860, 0.3803



Tritanopia

24.2981, 0.3046, 0.3122

Trichromacy



Original Color

24.3465, 0.3466, 0.4077

Protanomaly

24.2930, 0.3609, 0.4016

Deuteranomaly

24.3028, 0.3712, 0.3909

Tritanomaly

24.2090, 0.3198, 0.3446

Monochromacy



Original Color

24.3465, 0.3466, 0.4077

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.4851, 0.3250, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3465, 0.3466, 0.4077 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(130, 140, 96)` looks like.

```
.text, #text, p{  
    color:rgb(130, 140, 96)  
}
```

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(130, 140, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 140, 96) }
```

Border

The CSS property to change the border of an element to Yxy 24.3465, 0.3466, 0.4077 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(130, 140, 96) }
```

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

```
.border{ border-color:rgb(130, 140, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 140, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 140, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 140, 96);  
box-shadow:4px 4px 4px 4px rgb(130, 140,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3465, 0.3466, 0.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 140, 96) }
```

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

```
.background{ background-color: rgb(130,  
140, 96) }
```

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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