

Converting Colors

$Y_{xy}(24.9675, 0.3312, 0.3759)$

Have a look what the booklet for
Yxy(24.9675, 0.3312, 0.3759)
contains.

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Color

Yxy(24.8766, 0.3304, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	848C72
RGB	132, 140, 114
RGB Percent	52%, 55%, 45%
CMY	0.4824, 0.4510, 0.5529
CMYK	0.06, 0.00, 0.19, 0.45
HSL	79°, 10%, 50%
HSV	79°, 19%, 55%
XYZ	21.9296, 24.8766, 19.5668
YIQ	134.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

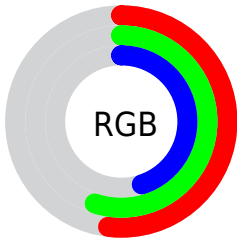
Format	Color
R_YB	114, 140, 122
Decimal	8686706
CIE Lab	56.95, -7.79, 12.92
CIE LCh	57, 15.090, 121.096
Yxy	24.8766, 0.3304, 0.3748
Android (android.graphics.Color)	4286876786 (0xFF848C72)
YUV	134.6440, -10.1775, -2.3188
Hunter-Lab	49.8764, -8.8010, 11.6538

Details

The Yxy color $24.8766, 0.3304, 0.3748$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.0690, 0.2927, 0.2816$, and the grayscale version is $24.1271, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6510, 0.3265, 0.3652$, and $9.4995, 0.3358, 0.3929$ is the 20% darker color. If you saturate the color by 10%, you get $24.2419, 0.3398, 0.4012$, and if you desaturate by 10%, it is $25.5767, 0.3208, 0.3495$.

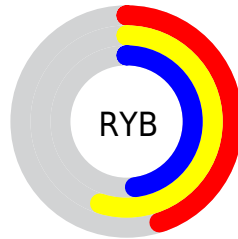
Distribution



Red (52%)

Green (55%)

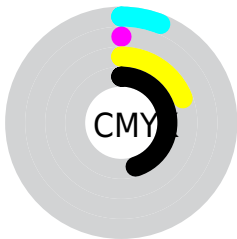
Blue (45%)



Red (45%)

Yellow (55%)

Blue (48%)

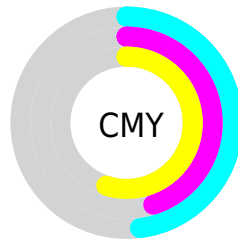


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8766, 0.3304, 0.3748 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 24.8766, 0.3304, 0.3748 by changing the saturation by 10% instead.

■ 24.8766, 0.3304,
0.3748

■ 24.8766, 0.3304,
0.3748

■ 277.2228, 0.3209,
0.3491

■ 15.9851, 0.3330,
0.3824

■ 51.4570, 0.3268,
0.3647

■ 9.5136, 0.3365,
0.3929

■ 69.9147, 0.3255,
0.3611

■ 5.0777, 0.3413,
0.4085

■ 92.3299, 0.3244,
0.3582

■ 2.2929, 0.3482,
0.4339

■ 119.0870, 0.3235,
0.3558

■ 0.7700, 0.4129,
0.5871

■ 150.5705, 0.3227,
0.3537

■ 0.0000, 0.0000,
0.0000

187.1647, 0.3220,

0.3520

229.2540, 0.3214,
0.3504

■ 24.8766, 0.3304,
0.3748

■ 24.8766, 0.3304,
0.3748

■ 24.2419, 0.3398,
0.4012

■ 25.5767, 0.3208,
0.3495

■ 23.6669, 0.3486,
0.4280

■ 26.3412, 0.3114,
0.3257

■ 23.1502, 0.3564,
0.4543

■ 27.1733, 0.3022,
0.3036

■ 22.6890, 0.3628,
0.4793

■ 28.0750, 0.2935,
0.2834

■ 22.2803, 0.3673,
0.5016

■ 29.0482, 0.2853,
0.2649

■ 21.9207, 0.3695,
0.5204

■ 30.0947, 0.2776,
0.2483

■ 21.6061, 0.3694,
0.5347

■ 31.2164, 0.2705,
0.2332

■ 21.3280, 0.3673,
0.5453

■ 32.4149, 0.2640,
0.2197

■ 21.2897, 0.3670,
0.5468

■ 33.6918, 0.2580,
0.2076

Harmonies

Analogous

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



24.8766, 0.3524, 0.3717



24.8766, 0.3304, 0.3748



24.8766, 0.3043, 0.3642

Triad

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



24.8766, 0.3304, 0.3748



24.8766, 0.2640, 0.2981



24.8766, 0.3445, 0.3149

Complementary

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



24.8766, 0.3304, 0.3748



18.0690, 0.2927, 0.2816

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.



24.8766, 0.3196, 0.2972



24.8766, 0.3304, 0.3748



24.8766, 0.2737, 0.2871

Square

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



24.8766, 0.3304, 0.3748



24.8766, 0.2667, 0.3183



24.8766, 0.2937, 0.2871



24.8766, 0.3610, 0.3366

Rectangle

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



24.8766, 0.3304, 0.3748



24.8766, 0.2882, 0.3508



24.8766, 0.2937, 0.2871



24.8766, 0.3368, 0.3084

Sweetspot

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



24.8777, 0.3304, 0.3748



45.4069, 0.3185, 0.3435



20.6626, 0.3450, 0.3429



10.4461, 0.3190, 0.3449



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.



24.8777, 0.3304, 0.3748



43.4066, 0.3341, 0.3850



23.9098, 0.3161, 0.3769



5.7689, 0.3214, 0.3509



18.9255, 0.3673, 0.5466



0.1335, 0.3925, 0.5265

Inverse Universe

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



18.0690, 0.2927, 0.2816



29.2742, 0.2879, 0.2707



19.0644, 0.3083, 0.2838



4.9622, 0.3035, 0.3067



2.1518, 0.1737, 0.0730



0.0213, 0.2195, 0.0983

Previews

White Background



This preview shows how the Yxy color 24.8766, 0.3304, 0.3748 looks on a white background.

Color Contrast Check

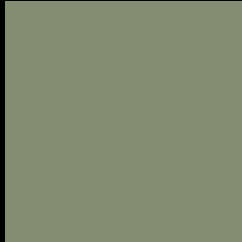
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8766, 0.3304, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

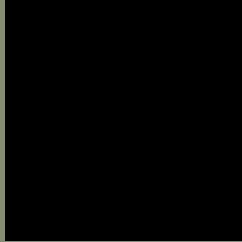
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8766, 0.3304, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 24.8766, 0.3304, 0.3748.



This preview shows how white text looks on a background with the Yxy color 24.8766, 0.3304, 0.3748.

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

24.8766, 0.3304, 0.3748

Protanopia

24.7075, 0.3477, 0.3698

Deuteranopia

24.6617, 0.3607, 0.3534



Tritanopia

25.0020, 0.3037, 0.3123

Trichromacy



Original Color

24.8766, 0.3304, 0.3748

Protanomaly

24.6590, 0.3415, 0.3703

Deuteranomaly

24.5839, 0.3498, 0.3609

Tritanomaly

24.7634, 0.3136, 0.3341

Monochromacy



Original Color

24.8766, 0.3304, 0.3748

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4920, 0.3197, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8766, 0.3304, 0.3748 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(132, 140, 114)` looks like.

```
.text, #text, p{  
    color:rgb(132, 140, 114)  
}
```

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(132, 140, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 140, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.8766, 0.3304, 0.3748 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(132, 140, 114) }
```

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

```
.border{ border-color:rgb(132, 140, 114) }
```

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

Here you see how a box with a 4 pixel rgb(132, 140, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 140, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 140, 114);  
box-shadow:4px 4px 4px 4px rgb(132, 140,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8766, 0.3304, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 140, 114) }
```

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

```
.background{ background-color: rgb(132,  
140, 114) }
```

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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