

Converting Colors

$Yxy(24.0028, 0.3494, 0.3686)$

Have a look what the booklet for
Yxy(24.0028, 0.3494, 0.3686)
contains.

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Color

Yxy(24.1272, 0.3495, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	90866F
RGB	144, 134, 111
RGB Percent	56%, 53%, 44%
CMY	0.4353, 0.4745, 0.5647
CMYK	0.00, 0.07, 0.23, 0.44
HSL	42°, 13%, 50%
HSV	42°, 23%, 56%
XYZ	22.8956, 24.1272, 18.4868
YIQ	134.3680, 13.3430, -5.0330

Conversions

Conversions Part 2

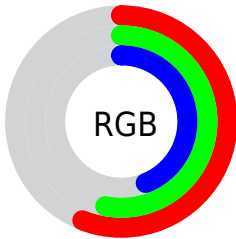
Format	Color
R_{YB}	125, 144, 111
Decimal	9471599
CIE _{Lab}	56.21, -0.17, 13.76
CIE _{LCh}	56, 13.763, 90.689
Yxy	24.1272, 0.3495, 0.3683
Android (android.graphics.Color)	4287661679 (0xFF90866F)
YUV	134.3680, -11.5204, 8.4473
Hunter-Lab	49.1194, -2.7564, 12.0690

Details

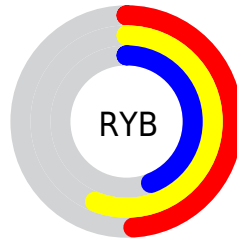
The Yxy color $24.1272, 0.3495, 0.3683$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $19.0648, 0.2767, 0.2863$, and the grayscale version is $24.0226, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1908, 0.3413, 0.3593$, and $9.1830, 0.3629, 0.3848$ is the 20% darker color. If you saturate the color by 10%, you get $22.6554, 0.3677, 0.3861$, and if you desaturate by 10%, it is $25.7021, 0.3325, 0.3507$.

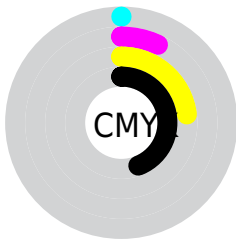
Distribution



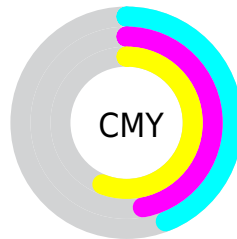
- Red (56%)
- Green (53%)
- Blue (44%)



- Red (49%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (44%)





- Cyan (44%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1272, 0.3495, 0.3683 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 24.1272, 0.3495, 0.3683 by changing the saturation by 10% instead.


 24.1272, 0.3495,
0.3683


 24.1272, 0.3495,
0.3683


273.4629, 0.3291,
0.3465


 15.4280, 0.3553,
0.3745


 50.2377, 0.3416,
0.3598


 9.1203, 0.3633,
0.3831


 68.4178, 0.3388,
0.3568

 4.8197, 0.3749,
0.3955

 90.5270, 0.3364,
0.3543

 2.1419, 0.3929,
0.4148

 116.9496, 0.3345,
0.3523

 0.6880, 0.4858,
0.5142

148.0701, 0.3329,
0.3505

 0.0000, 0.0000,
0.0000

184.2729, 0.3314,

0.3490

225.9424, 0.3302,
0.3477

■ 24.1272, 0.3495,
0.3683

■ 24.1272, 0.3495,
0.3683

■ 22.6554, 0.3677,
0.3861

■ 25.7021, 0.3325,
0.3507

■ 21.2803, 0.3869,
0.4035

■ 27.3795, 0.3170,
0.3338

■ 19.9998, 0.4065,
0.4198

■ 29.1635, 0.3029,
0.3177

■ 18.8104, 0.4259,
0.4339

■ 31.0565, 0.2901,
0.3027

■ 17.7082, 0.4444,
0.4450

■ 33.0610, 0.2787,
0.2888

■ 16.6889, 0.4608,
0.4519

■ 35.1793, 0.2685,
0.2760

■ 15.7474, 0.4747,
0.4542

■ 37.4139, 0.2594,
0.2643

■ 15.1188, 0.4836,
0.4542

■ 39.7668, 0.2513,
0.2535

■ 42.2403, 0.2440,
0.2436

Harmonies

Analogous

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



24.1272, 0.3598, 0.3550



24.1272, 0.3495, 0.3683



24.1272, 0.3294, 0.3711

Triad

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



24.1272, 0.3495, 0.3683



24.1272, 0.2703, 0.3195



24.1272, 0.3188, 0.2994

Complementary

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



24.1272, 0.3495, 0.3683



19.0648, 0.2767, 0.2863

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.



24.1272, 0.2949, 0.2902



24.1272, 0.3495, 0.3683



24.1272, 0.2677, 0.3007

Square

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



24.1272, 0.3495, 0.3683



24.1272, 0.2839, 0.3421



24.1272, 0.2765, 0.2904



24.1272, 0.3417, 0.3158

Rectangle

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



24.1272, 0.3495, 0.3683



24.1272, 0.3134, 0.3660



24.1272, 0.2765, 0.2904



24.1272, 0.3106, 0.2954

Sweetspot

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



24.1283, 0.3495, 0.3683



47.0191, 0.3234, 0.3408



18.6881, 0.3438, 0.3109



10.7485, 0.3242, 0.3417



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.



24.1283, 0.3495, 0.3683



41.0664, 0.3596, 0.3784



26.4932, 0.3392, 0.3855



6.0134, 0.3265, 0.3443



13.2080, 0.4831, 0.4546



0.1651, 0.4485, 0.4821

Inverse Universe

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



19.0648, 0.2767, 0.2863



30.3752, 0.2671, 0.2741



17.1659, 0.2823, 0.2683



5.5048, 0.2990, 0.3132



3.3345, 0.1624, 0.1047



0.0671, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 24.1272, 0.3495, 0.3683 looks on a white background.

Color Contrast Check

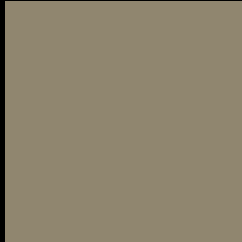
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1272, 0.3495, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

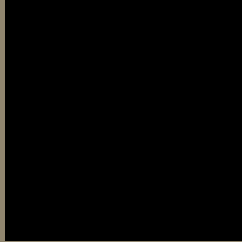
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1272, 0.3495, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 24.1272, 0.3495, 0.3683.



This preview shows how white text looks on a background with the Yxy color 24.1272, 0.3495, 0.3683.

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

24.1272, 0.3495, 0.3683

Protanopia

23.9487, 0.3471, 0.3686

Deuteranopia

24.2030, 0.3646, 0.3584



Tritanopia

24.1546, 0.3227, 0.3127

Trichromacy



Original Color

24.1272, 0.3495, 0.3683

Protanomaly

24.0375, 0.3483, 0.3684

Deuteranomaly

24.0779, 0.3592, 0.3606

Tritanomaly

24.0206, 0.3336, 0.3324

Monochromacy



Original Color

24.1272, 0.3495, 0.3683

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.9598, 0.3258, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1272, 0.3495, 0.3683 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(144, 134, 111)` looks like.

```
.text, #text, p{  
    color:rgb(144, 134, 111)  
}
```

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(144, 134, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 134, 111) }
```

Border

The CSS property to change the border of an element to Yxy 24.1272, 0.3495, 0.3683 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(144, 134, 111) }
```

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

```
.border{ border-color:rgb(144, 134, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 134, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 134, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 134, 111);  
box-shadow:4px 4px 4px 4px rgb(144, 134,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1272, 0.3495, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 134, 111) }
```

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

```
.background{ background-color: rgb(144,  
134, 111) }
```

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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