

Converting Colors

$Yxy(26.8687, 0.3622, 0.4088)$

Have a look what the booklet for
Yxy(26.8687, 0.3622, 0.4088)
contains.

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Color

Yxy(26.8108, 0.3624, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	919060
RGB	145, 144, 96
RGB Percent	57%, 56%, 38%
CMY	0.4314, 0.4353, 0.6234
CMYK	0.00, 0.01, 0.34, 0.43
HSL	59°, 20%, 47%
HSV	59°, 34%, 57%
XYZ	23.7619, 26.8108, 14.9954
YIQ	138.8270, 16.0040, -14.7160

Conversions

Conversions Part 2

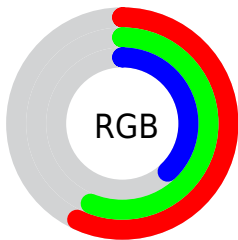
Format	Color
R_{YB}	97, 145, 96
Decimal	9539680
CIE _{Lab}	58.80, -7.43, 25.68
CIE _{LCh}	59, 26.733, 106.132
Yxy	26.8108, 0.3624, 0.4089
Android (android.graphics.Color)	4287729760 (0xFF919060)
YUV	138.8270, -21.1137, 5.4137
Hunter-Lab	51.7791, -8.6984, 19.0748

Details

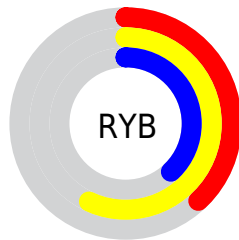
The Yxy color $26.8108, 0.3624, 0.4089$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.0853, 0.2544, 0.2342$, and the grayscale version is $25.8279, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7741, 0.3529, 0.3923$, and $10.6068, 0.3783, 0.4374$ is the 20% darker color. If you saturate the color by 10%, you get $26.4803, 0.3766, 0.4315$, and if you desaturate by 10%, it is $27.1932, 0.3476, 0.3852$.

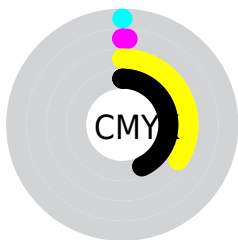
Distribution



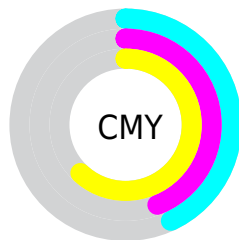
- Red (57%)
- Green (56%)
- Blue (38%)



- Red (38%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (34%)
- Black (43%)





- Cyan (43%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8108, 0.3624, 0.4089 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 26.8108, 0.3624, 0.4089 by changing the saturation by 10% instead.


 26.8108, 0.3624,
0.4089


 26.8108, 0.3624,
0.4089


286.7399, 0.3361,
0.3649


 17.4312, 0.3693,
0.4212


 54.5801, 0.3526,
0.3919


 10.5424, 0.3781,
0.4378


 73.7386, 0.3489,
0.3858

 5.7600, 0.3896,
0.4611

 96.9255, 0.3459,
0.3808

 2.6997, 0.4100,
0.5024

 124.5252, 0.3433,
0.3766

 0.9771, 0.4325,
0.5675

156.9221, 0.3411,
0.3730

 0.0000, 0.0000,
0.0000

194.5006, 0.3392,

0.3699

237.6450, 0.3375,
0.3673

■ 26.8108, 0.3624,
0.4089

■ 26.8108, 0.3624,
0.4089

■ 26.4803, 0.3766,
0.4315

■ 27.1932, 0.3476,
0.3852

■ 26.1953, 0.3896,
0.4520

■ 27.6265, 0.3327,
0.3613

■ 25.9542, 0.4008,
0.4697


■ 28.1140, 0.3181,
0.3377


■ 25.7536, 0.4100,
0.4838

■ 28.6582, 0.3041,
0.3150


■ 25.5896, 0.4166,
0.4938


■ 29.2609, 0.2909,
0.2936

 25.4578, 0.4208,
0.4998

 29.9241, 0.2786,
0.2736

 25.3836, 0.4228,
0.5025

 30.6498, 0.2673,
0.2552

 31.4398, 0.2569,
0.2383

 32.2957, 0.2476,
0.2230

Harmonies

Analogous

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



26.8108, 0.3934, 0.3901



26.8108, 0.3624, 0.4089



26.8108, 0.3194, 0.4042

Triad

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



26.8108, 0.3624, 0.4089



26.8108, 0.2307, 0.2899



26.8108, 0.3467, 0.2892

Complementary

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



26.8108, 0.3624, 0.4089



13.0853, 0.2544, 0.2342

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.



26.8108, 0.3009, 0.2660



26.8108, 0.3624, 0.4089



26.8108, 0.2366, 0.2644

Square

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



26.8108, 0.3624, 0.4089



26.8108, 0.2446, 0.3301



26.8108, 0.2613, 0.2567



26.8108, 0.3849, 0.3218

Rectangle

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



26.8108, 0.3624, 0.4089



26.8108, 0.2900, 0.3865



26.8108, 0.2613, 0.2567



26.8108, 0.3315, 0.2801

Sweetspot

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



26.8120, 0.3624, 0.4089



49.7789, 0.3274, 0.3528



15.2656, 0.3858, 0.3263



11.0501, 0.3293, 0.3558



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.



26.8120, 0.3624, 0.4089



47.5336, 0.3739, 0.4273



25.2422, 0.3358, 0.4179



6.2670, 0.3259, 0.3503



21.7791, 0.4228, 0.5025



0.2121, 0.4209, 0.5040

Inverse Universe

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



13.0853, 0.2544, 0.2342



18.8497, 0.2379, 0.2072



14.3285, 0.2820, 0.2393



5.2714, 0.2990, 0.3067



1.8128, 0.1505, 0.0618



0.0201, 0.1530, 0.0706

Previews

White Background



This preview shows how the Yxy color 26.8108, 0.3624, 0.4089 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 26.8108, 0.3624, 0.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

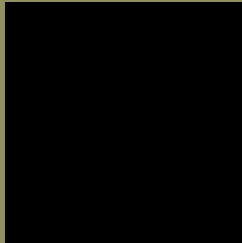
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

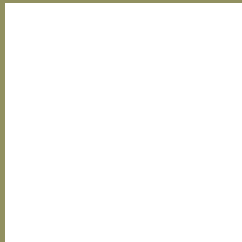
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8108, 0.3624, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 26.8108, 0.3624, 0.4089.



This preview shows how white text looks on a background with the Yxy color 26.8108, 0.3624, 0.4089.

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

26.8108, 0.3624, 0.4089

Protanopia

26.6483, 0.3744, 0.4035

Deuteranopia

26.6448, 0.3939, 0.3854



Tritanopia

26.6087, 0.3168, 0.3116

Trichromacy



Original Color

26.8108, 0.3624, 0.4089

Protanomaly

26.6563, 0.3703, 0.4060

Deuteranomaly

26.5136, 0.3824, 0.3938

Tritanomaly

26.7307, 0.3341, 0.3470

Monochromacy



Original Color

26.8108, 0.3624, 0.4089

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1425, 0.3311, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8108, 0.3624, 0.4089 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(145, 144, 96)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 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(145, 144, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 96) }
```

Border

The CSS property to change the border of an element to Yxy 26.8108, 0.3624, 0.4089 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(145, 144, 96) }
```

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

```
.border{ border-color:rgb(145, 144, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 96);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8108, 0.3624, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 96) }
```

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

```
.background{ background-color: rgb(145,  
144, 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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