

Converting Colors

$Y_{xy}(26.6825, 0.3574, 0.4101)$

Have a look what the booklet for
Yxy(26.6825, 0.3574, 0.4101)
contains.

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Color

Yxy(26.7766, 0.3563, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	8D9161
RGB	141, 145, 97
RGB Percent	55%, 57%, 38%
CMY	0.4472, 0.4313, 0.6196
CMYK	0.03, 0.00, 0.33, 0.43
HSL	65°, 20%, 47%
HSV	65°, 33%, 57%
XYZ	23.2638, 26.7766, 15.2524
YIQ	138.3320, 13.0240, -15.7760

Conversions

Conversions Part 2

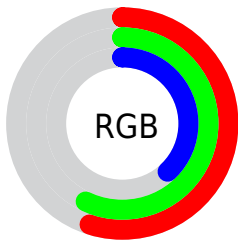
Format	Color
R_{YB}	97, 145, 101
Decimal	9277793
CIE _{Lab}	58.77, -9.51, 25.04
CIE _{LCh}	59, 26.783, 110.791
Yxy	26.7766, 0.3563, 0.4101
Android (android.graphics.Color)	4287467873 (0xFF8D9161)
YUV	138.3320, -20.3767, 2.3398
Hunter-Lab	51.7461, -10.3063, 18.7463

Details

The Yxy color $26.7766, 0.3563, 0.4101$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.3645, 0.2602, 0.2356$, and the grayscale version is $25.6238, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5871, 0.3476, 0.3931$, and $10.5884, 0.3692, 0.4400$ is the 20% darker color. If you saturate the color by 10%, you get $26.4251, 0.3687, 0.4341$, and if you desaturate by 10%, it is $27.1811, 0.3432, 0.3853$.

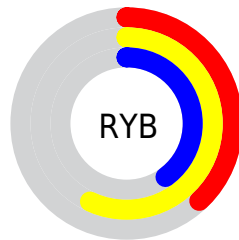
Distribution



Red (55%)

Green (57%)

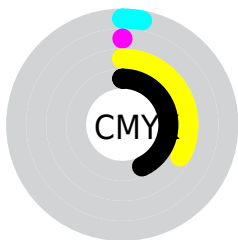
Blue (38%)



Red (38%)

Yellow (57%)

Blue (40%)

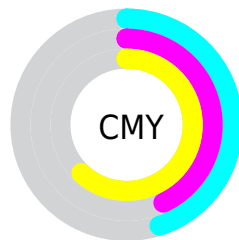


Cyan (3%)

Magenta (0%)

Yellow (33%)

Black (43%)



Cyan (45%)


Magenta (43%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7766, 0.3563, 0.4101 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 26.7766, 0.3563, 0.4101 by changing the saturation by 10% instead.


 26.7766, 0.3563,
0.4101


 26.7766, 0.3563,
0.4101


286.5738, 0.3333,
0.3652


 17.4055, 0.3622,
0.4228


 54.5252, 0.3478,
0.3927


 10.5240, 0.3698,
0.4401


 73.6715, 0.3446,
0.3865

 5.7478, 0.3795,
0.4646

 96.8449, 0.3420,
0.3813

 2.6923, 0.3962,
0.5074

 124.4300, 0.3397,
0.3771

 0.9733, 0.4150,
0.5850

156.8110, 0.3378,
0.3734

 0.0000, 0.0000,
0.0000

194.3724, 0.3361,

0.3703

237.4985, 0.3346,
0.3676

■ 26.7766, 0.3563,
0.4101

■ 26.7766, 0.3563,
0.4101

■ 26.4251, 0.3687,
0.4341

■ 27.1811, 0.3432,
0.3853

■ 26.1203, 0.3799,
0.4564

■ 27.6376, 0.3299,
0.3605

■ 25.8605, 0.3894,
0.4761


■ 28.1496, 0.3167,
0.3363

■ 25.6424, 0.3967,
0.4923


■ 28.7191, 0.3040,
0.3133


■ 25.4622, 0.4016,
0.5045

■ 29.3484, 0.2920,
0.2916

 25.3155, 0.4040,
0.5125

 30.0394, 0.2807,
0.2716

 25.2249, 0.4049,
0.5167

 30.7940, 0.2703,
0.2532

 31.6138, 0.2607,
0.2365

 32.5008, 0.2519,
0.2213

Harmonies

Analogous

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



26.7766, 0.3900, 0.3944



26.7766, 0.3563, 0.4101



26.7766, 0.3124, 0.4013

Triad

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



26.7766, 0.3563, 0.4101



26.7766, 0.2302, 0.2847



26.7766, 0.3536, 0.2937

Complementary

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



26.7766, 0.3563, 0.4101



13.3645, 0.2602, 0.2356

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.



26.7766, 0.3079, 0.2686



26.7766, 0.3563, 0.4101



26.7766, 0.2391, 0.2619

Square

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



26.7766, 0.3563, 0.4101



26.7766, 0.2410, 0.3232



26.7766, 0.2665, 0.2570



26.7766, 0.3894, 0.3273

Rectangle

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



26.7766, 0.3563, 0.4101



26.7766, 0.2834, 0.3811



26.7766, 0.2665, 0.2570



26.7766, 0.3387, 0.2841

Sweetspot

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



26.7778, 0.3563, 0.4101



49.7409, 0.3260, 0.3534



16.1925, 0.3841, 0.3363



11.0407, 0.3277, 0.3564



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.



26.7778, 0.3563, 0.4101



47.4504, 0.3660, 0.4288



24.9002, 0.3292, 0.4178



6.2627, 0.3247, 0.3508



21.6377, 0.4050, 0.5166



0.2113, 0.4126, 0.5106

Inverse Universe

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



13.3645, 0.2602, 0.2356



19.4834, 0.2454, 0.2100



14.9557, 0.2900, 0.2430



5.2754, 0.3002, 0.3064



1.8273, 0.1537, 0.0621



0.0209, 0.1712, 0.0717

Previews

White Background



This preview shows how the Yxy color 26.7766, 0.3563, 0.4101 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 26.7766, 0.3563, 0.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

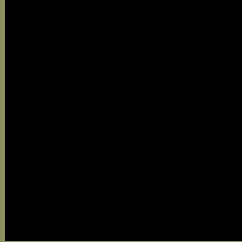
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7766, 0.3563, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 26.7766, 0.3563, 0.4101.



This preview shows how white text looks on a background with the Yxy color 26.7766, 0.3563, 0.4101.

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

26.7766, 0.3563, 0.4101

Protanopia

26.6483, 0.3744, 0.4035

Deuteranopia

26.5536, 0.3916, 0.3842



Tritanopia

26.5499, 0.3114, 0.3114

Trichromacy



Original Color

26.7766, 0.3563, 0.4101

Protanomaly

26.5801, 0.3681, 0.4047

Deuteranomaly

26.6162, 0.3783, 0.3943

Tritanomaly

26.6812, 0.3283, 0.3472

Monochromacy



Original Color

26.7766, 0.3563, 0.4101

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9688, 0.3288, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7766, 0.3563, 0.4101 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(141, 145, 97)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 97)  
}
```

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(141, 145, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 97) }
```

Border

The CSS property to change the border of an element to Yxy 26.7766, 0.3563, 0.4101 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(141, 145, 97) }
```

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

```
.border{ border-color:rgb(141, 145, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 97);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7766, 0.3563, 0.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 97) }
```

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

```
.background{ background-color: rgb(141,  
145, 97) }
```

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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