

Converting Colors

$Y_{xy}(27.0494, 0.3740, 0.3537)$

Have a look what the booklet for
Yxy(27.0494, 0.3740, 0.3537)
contains.

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Color

Yxy(27.0161, 0.3740, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	AB8676
RGB	171, 134, 118
RGB Percent	67%, 53%, 46%
CMY	0.3294, 0.4745, 0.5374
CMYK	0.00, 0.22, 0.31, 0.33
HSL	18°, 24%, 57%
HSV	18°, 31%, 67%
XYZ	28.5909, 27.0161, 20.8392
YIQ	143.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

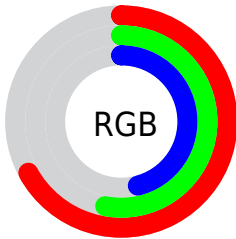
Format	Color
R_{YB}	171, 141, 118
Decimal	11241078
CIE _{Lab}	58.99, 11.79, 14.03
CIE _{LCh}	59, 18.327, 49.973
Yxy	27.0161, 0.3740, 0.3534
Android (android.graphics.Color)	4289431158 (0xFFAB8676)
YUV	143.2390, -12.4428, 24.3464
Hunter-Lab	51.9770, 7.2274, 12.6127

Details

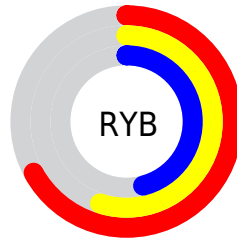
The Yxy color $27.0161, 0.3740, 0.3534$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.2301, 0.2661, 0.3031$, and the grayscale version is $27.6116, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7738, 0.3610, 0.3487$, and $10.6344, 0.3967, 0.3592$ is the 20% darker color. If you saturate the color by 10%, you get $23.5320, 0.4011, 0.3616$, and if you desaturate by 10%, it is $30.9488, 0.3507, 0.3452$.

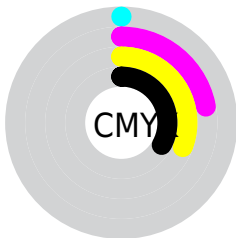
Distribution



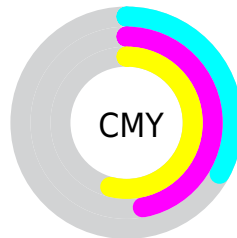
- Red (67%)
- Green (53%)
- Blue (46%)



- Red (67%)
- Yellow (55%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0161, 0.3740, 0.3534 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 27.0161, 0.3740, 0.3534 by changing the saturation by 10% instead.


 27.0161, 0.3740,
0.3534


 27.0161, 0.3740,
0.3534


287.7351, 0.3403,
0.3408


 17.5853, 0.3835,
0.3566


 54.9097, 0.3610,
0.3488

 10.6527, 0.3965,
0.3606


 74.1413, 0.3563,
0.3471

 5.8338, 0.4151,
0.3659

 97.4086, 0.3525,
0.3456

 2.7443, 0.4439,
0.3727

125.0961, 0.3493,
0.3444

 0.9997, 0.5407,
0.4166

157.5881, 0.3465,
0.3433

 0.0000, 1.0000,
0.0000


195.2690, 0.3442,


 0.0000, 0.0000,


0.3424


0.0000


238.5232, 0.3421,
0.3416


 27.0161, 0.3740,
0.3534


 27.0161, 0.3740,
0.3534


 23.5320, 0.4011,
0.3616


 30.9488, 0.3507,
0.3452


 20.4764, 0.4322,
0.3690


 35.3417, 0.3310,
0.3372


 17.8331, 0.4666,
0.3750


 40.2108, 0.3143,
0.3297

 15.5837, 0.5030,
0.3784


 45.5701, 0.3002,
0.3228


 13.7079, 0.5388,
0.3780


 51.4328, 0.2882,
0.3164


 12.1833, 0.5706,
0.3732

 57.8121, 0.2781,
0.3106

 11.0862, 0.5947,
0.3660

 64.7201, 0.2695,
0.3053

 72.1690, 0.2622,
0.3005

 79.0343, 0.2638,
0.3139

Harmonies

Analogous

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



27.0161, 0.3643, 0.3280



27.0161, 0.3740, 0.3534



27.0161, 0.3663, 0.3742

Triad

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



27.0161, 0.3740, 0.3534



27.0161, 0.2847, 0.3559



27.0161, 0.2803, 0.2784

Complementary

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



27.0161, 0.3740, 0.3534



30.2301, 0.2661, 0.3031

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.



27.0161, 0.2611, 0.2830



27.0161, 0.3740, 0.3534



27.0161, 0.2634, 0.3267

Square

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



27.0161, 0.3740, 0.3534



27.0161, 0.3140, 0.3775



27.0161, 0.2551, 0.3000



27.0161, 0.3090, 0.2862

Rectangle

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



27.0161, 0.3740, 0.3534



27.0161, 0.3527, 0.3822



27.0161, 0.2551, 0.3000



27.0161, 0.2726, 0.2785

Sweetspot

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



27.0174, 0.3740, 0.3534



64.8355, 0.3276, 0.3358



23.9807, 0.3344, 0.2746



14.1929, 0.3302, 0.3369



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.0174, 0.3740, 0.3534



44.1464, 0.3916, 0.3589



35.2501, 0.3627, 0.3909



8.3952, 0.3279, 0.3359



8.4385, 0.5929, 0.3674



0.3321, 0.5336, 0.4145

Inverse Universe

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



30.2301, 0.2661, 0.3031



50.7760, 0.2566, 0.2966



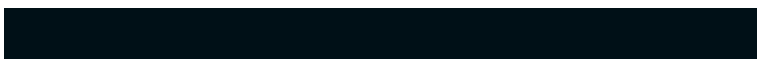
22.3816, 0.2610, 0.2583



8.6573, 0.2986, 0.3220



12.3185, 0.1970, 0.2291



0.4327, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 27.0161, 0.3740, 0.3534 looks on a white background.

Color Contrast Check

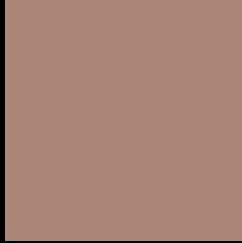
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0161, 0.3740, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

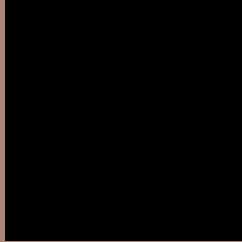
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0161, 0.3740, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 27.0161, 0.3740, 0.3534.



This preview shows how white text looks on a background with the Yxy color 27.0161, 0.3740, 0.3534.

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

27.0161, 0.3740, 0.3534

Protanopia

27.1407, 0.3410, 0.3618

Deuteranopia

27.1750, 0.3667, 0.3601



Tritanopia

27.0399, 0.3506, 0.3143

Trichromacy



Original Color

27.0161, 0.3740, 0.3534

Protanomaly

27.0138, 0.3521, 0.3578

Deuteranomaly

27.1082, 0.3695, 0.3583

Tritanomaly

26.9666, 0.3584, 0.3276

Monochromacy



Original Color

27.0161, 0.3740, 0.3534

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2497, 0.3333, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0161, 0.3740, 0.3534 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(171, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(171, 134, 118)  
}
```

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(171, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 134, 118) }
```

Border

The CSS property to change the border of an element to Yxy 27.0161, 0.3740, 0.3534 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(171, 134, 118) }
```

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

```
.border{ border-color:rgb(171, 134, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 134, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 134, 118);  
box-shadow:4px 4px 4px 4px rgb(171, 134,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0161, 0.3740, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 134, 118) }
```

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

```
.background{ background-color: rgb(171,  
134, 118) }
```

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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