

Converting Colors

$Y_{xy}(18.5919, 0.4263, 0.3522)$

Have a look what the booklet for
Yxy(18.5919, 0.4263, 0.3522)
contains.

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Color

Yxy(18.6206, 0.4270, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	A76758
RGB	167, 103, 88
RGB Percent	65%, 40%, 35%
CMY	0.3451, 0.5961, 0.6549
CMYK	0.00, 0.38, 0.47, 0.35
HSL	11°, 31%, 50%
HSV	11°, 47%, 65%
XYZ	22.5496, 18.6206, 11.6392
YIQ	120.4260, 42.9590, 8.9030

Conversions

Conversions Part 2

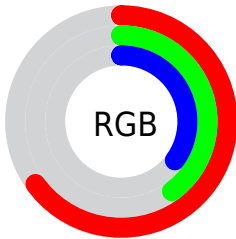
Format	Color
R_{YB}	167, 107, 88
Decimal	10970968
CIE _{Lab}	50.24, 24.01, 19.29
CIE _{LCh}	50, 30.800, 38.775
Yxy	18.6206, 0.4270, 0.3526
Android (android.graphics.Color)	4289161048 (0xFFA76758)
YUV	120.4260, -15.9860, 40.8454
Hunter-Lab	43.1516, 17.7630, 14.2139

Details

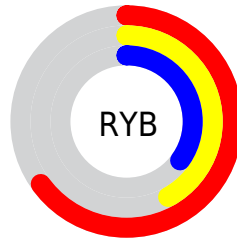
The Yxy color **18.6206, 0.4270, 0.3526** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.3266, 0.2464, 0.3029**, and the grayscale version is **18.9686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1250, 0.3998, 0.3495**, and **6.3443, 0.4762, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **15.8983, 0.4642, 0.3566**, and if you desaturate by 10%, it is **21.8439, 0.3945, 0.3477**.

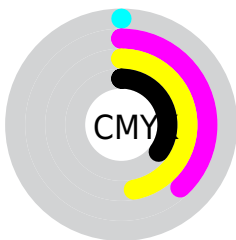
Distribution



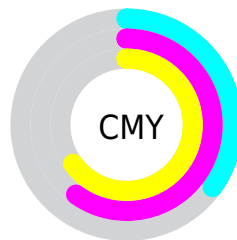
- Red (65%)
- Green (40%)
- Blue (35%)



- Red (65%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (35%)





- Cyan (35%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6206, 0.4270, 0.3526 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 18.6206, 0.4270, 0.3526 by changing the saturation by 10% instead.


 18.6206, 0.4270,
0.3526


 18.6206, 0.4270,
0.3526


244.3462, 0.3607,
0.3416


 11.3965, 0.4472,
0.3544


 41.0920, 0.4004,
0.3491

 6.3342, 0.4756,
0.3557


 57.1081, 0.3911,
0.3476


 3.0493, 0.5177,
0.3547

 76.8236, 0.3837,
0.3463

 1.1575, 0.6287,
0.3713

 100.6229, 0.3775,
0.3451

 0.0266, 0.9583,
0.0417

 128.8904, 0.3723,
0.3441

 0.0000, 0.0000,
0.0000

162.0105, 0.3679,

0.3432

200.3676, 0.3640,
0.3424

■ 18.6206, 0.4270,
0.3526

■ 18.6206, 0.4270,
0.3526

■ 15.8983, 0.4642,
0.3566

■ 21.8439, 0.3945,
0.3477

■ 13.6487, 0.5048,
0.3588

■ 25.5887, 0.3668,
0.3425

■ 11.8453, 0.5458,
0.3585


■ 29.8781, 0.3437,
0.3373


■ 10.4575, 0.5828,
0.3550

■ 34.7327, 0.3246,
0.3324

■ 9.4487, 0.6115,
0.3486


■ 40.1721, 0.3087,
0.3278

 9.2332, 0.6184,
0.3472

 46.2151, 0.2956,
0.3236

 52.8794, 0.2847,
0.3197

 60.1822, 0.2755,
0.3163

 68.1398, 0.2678,
0.3131

Harmonies

Analogous

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



18.6206, 0.3966, 0.3079



18.6206, 0.4270, 0.3526



18.6206, 0.4226, 0.3963

Triad

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



18.6206, 0.4270, 0.3526



18.6206, 0.2776, 0.4013



18.6206, 0.2371, 0.2375

Complementary

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



18.6206, 0.4270, 0.3526



27.3266, 0.2464, 0.3029

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.



18.6206, 0.2121, 0.2514



18.6206, 0.4270, 0.3526



18.6206, 0.2332, 0.3440

Square

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



18.6206, 0.4270, 0.3526



18.6206, 0.3340, 0.4335



18.6206, 0.2105, 0.2882



18.6206, 0.2830, 0.2447

Rectangle

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



18.6206, 0.4270, 0.3526



18.6206, 0.4019, 0.4199



18.6206, 0.2105, 0.2882



18.6206, 0.2262, 0.2397

Sweetspot

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



18.6215, 0.4270, 0.3526



56.0473, 0.3375, 0.3358



17.4811, 0.3370, 0.2343



12.1512, 0.3417, 0.3368



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



18.6215, 0.4270, 0.3526



28.1486, 0.4671, 0.3568



28.2645, 0.3974, 0.4103



7.7642, 0.3281, 0.3334



7.1204, 0.6170, 0.3483



0.2370, 0.5612, 0.3926

Inverse Universe

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



27.3266, 0.2464, 0.3029



45.6081, 0.2346, 0.2959



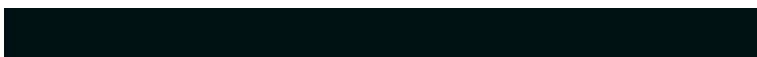
16.6808, 0.2333, 0.2301



8.2864, 0.2987, 0.3246



15.5271, 0.2078, 0.2682



0.4384, 0.2140, 0.2904

Previews

White Background



This preview shows how the Yxy color 18.6206, 0.4270, 0.3526 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 18.6206, 0.4270, 0.3526 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 18.6206, 0.4270, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 18.6206, 0.4270, 0.3526.



This preview shows how white text looks on a background with the Yxy color 18.6206, 0.4270, 0.3526.

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

18.6206, 0.4270, 0.3526

Protanopia

18.7895, 0.3506, 0.3748

Deuteranopia

18.6841, 0.3866, 0.3808



Tritanopia

18.6321, 0.4018, 0.3169

Trichromacy



Original Color

18.6206, 0.4270, 0.3526

Protanomaly

18.5757, 0.3780, 0.3667

Deuteranomaly

18.6363, 0.4005, 0.3701

Tritanomaly

18.5718, 0.4105, 0.3293

Monochromacy



Original Color

18.6206, 0.4270, 0.3526

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.4357, 0.3512, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6206, 0.4270, 0.3526 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(167, 103, 88)` looks like.

```
.text, #text, p{  
    color:rgb(167, 103, 88)  
}
```

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(167, 103, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 103, 88) }
```

Border

The CSS property to change the border of an element to Yxy 18.6206, 0.4270, 0.3526 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(167, 103, 88) }
```

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

```
.border{ border-color:rgb(167, 103, 88) }
```

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

Here you see how a box with a 4 pixel rgb(167, 103, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 103, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 103, 88);  
box-shadow:4px 4px 4px 4px rgb(167, 103,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6206, 0.4270, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 103, 88) }
```

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

```
.background{ background-color: rgb(167,  
103, 88) }
```

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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