

Converting Colors

$Y_{xy}(18.6581, 0.4002, 0.3747)$

Have a look what the booklet for
Yxy(18.6581, 0.4002, 0.3747)
contains.

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Color

Yxy(18.7282, 0.4011, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	967055
RGB	150, 112, 85
RGB Percent	59%, 44%, 33%
CMY	0.4118, 0.5608, 0.6667
CMYK	0.00, 0.25, 0.43, 0.41
HSL	25°, 28%, 46%
HSV	25°, 43%, 59%
XYZ	20.0103, 18.7282, 11.1501
YIQ	120.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

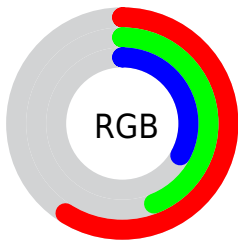
Format	Color
R _Y B	150, 131, 85
Decimal	9859157
CIE Lab	50.37, 11.38, 20.86
CIE LCh	50, 23.759, 61.385
Yxy	18.7282, 0.4011, 0.3754
Android (android.graphics.Color)	4288049237 (0xFF967055)
YUV	120.2840, -17.3950, 26.0609
Hunter-Lab	43.2761, 6.8031, 15.0172

Details

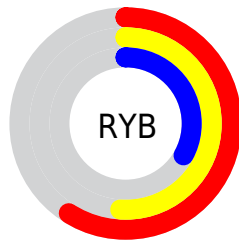
The Yxy color **18.7282, 0.4011, 0.3754** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2905, 0.2469, 0.2765**, and the grayscale version is **18.9273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4220, 0.3809, 0.3660**, and **6.3547, 0.4386, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **16.6744, 0.4289, 0.3854**, and if you desaturate by 10%, it is **21.0226, 0.3760, 0.3645**.

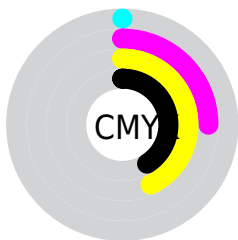
Distribution



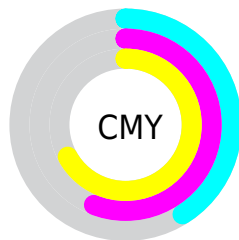
- Red (59%)
- Green (44%)
- Blue (33%)



- Red (59%)
- Yellow (51%)
- Blue (33%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (41%)




- Cyan (41%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.7282, 0.4011, 0.3754 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 18.7282, 0.4011, 0.3754 by changing the saturation by 10% instead.


 18.7282, 0.4011,
0.3754


 18.7282, 0.4011,
0.3754


244.9441, 0.3501,
0.3503


 11.4740, 0.4165,
0.3820


 41.2743, 0.3807,
0.3659

 6.3866, 0.4381,
0.3903


 57.3351, 0.3736,
0.3625


 3.0816, 0.4698,
0.4006

 77.1001, 0.3679,
0.3596

 1.1745, 0.5586,
0.4414

 100.9539, 0.3631,
0.3571

 0.0407, 0.8860,
0.1140

 129.2808, 0.3591,
0.3551

 0.0000, 0.0000,
0.0000

162.4652, 0.3556,

0.3533

200.8915, 0.3527,
0.3517

■ 18.7282, 0.4011,
0.3754

■ 18.7282, 0.4011,
0.3754

■ 16.6744, 0.4289,
0.3854

■ 21.0226, 0.3760,
0.3645

■ 14.8501, 0.4589,
0.3936

■ 23.5630, 0.3538,
0.3534

■ 13.2467, 0.4897,
0.3988


■ 26.3579, 0.3345,
0.3426


■ 11.8545, 0.5194,
0.3998

■ 29.4147, 0.3178,
0.3323

■ 10.6622, 0.5460,
0.3958


■ 32.7404, 0.3034,
0.3227

 9.9675, 0.5625,
0.3916

 36.3415, 0.2909,
0.3138

 40.2247, 0.2802,
0.3056

 44.3960, 0.2709,
0.2981

 48.8615, 0.2629,
0.2913

Harmonies

Analogous

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



18.7282, 0.3971, 0.3402



18.7282, 0.4011, 0.3754



18.7282, 0.3799, 0.4022

Triad

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



18.7282, 0.4011, 0.3754



18.7282, 0.2582, 0.3523



18.7282, 0.2799, 0.2594

Complementary

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



18.7282, 0.4011, 0.3754



18.2905, 0.2469, 0.2765

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.



18.7282, 0.2469, 0.2582



18.7282, 0.4011, 0.3754



18.7282, 0.2350, 0.3083

Square

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



18.7282, 0.4011, 0.3754



18.7282, 0.2967, 0.3918



18.7282, 0.2311, 0.2747



18.7282, 0.3242, 0.2762

Rectangle

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



18.7282, 0.4011, 0.3754



18.7282, 0.3555, 0.4101



18.7282, 0.2311, 0.2747



18.7282, 0.2672, 0.2571

Sweetspot

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



18.7291, 0.4011, 0.3754



46.5646, 0.3344, 0.3425



14.4324, 0.3557, 0.2638



10.0893, 0.3380, 0.3447



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



18.7291, 0.4011, 0.3754



29.5382, 0.4280, 0.3851



26.9330, 0.3793, 0.4237



6.1878, 0.3273, 0.3382



8.3279, 0.5613, 0.3926



0.1579, 0.4922, 0.4474

Inverse Universe

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



18.2905, 0.2469, 0.2765



28.6410, 0.2330, 0.2623



11.6970, 0.2363, 0.2121



6.1621, 0.2989, 0.3196



7.6310, 0.1862, 0.1903



0.1517, 0.2050, 0.2580

Previews

White Background



This preview shows how the Yxy color 18.7282, 0.4011, 0.3754 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 18.7282, 0.4011, 0.3754 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 18.7282, 0.4011, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 18.7282, 0.4011, 0.3754.



This preview shows how white text looks on a background with the Yxy color 18.7282, 0.4011, 0.3754.

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

18.7282, 0.4011, 0.3754

Protanopia

18.8046, 0.3632, 0.3895

Deuteranopia

18.7412, 0.3905, 0.3840



Tritanopia

18.7584, 0.3644, 0.3157

Trichromacy



Original Color

18.7282, 0.4011, 0.3754

Protanomaly

18.7291, 0.3771, 0.3839

Deuteranomaly

18.7857, 0.3954, 0.3815

Tritanomaly

18.6326, 0.3781, 0.3360

Monochromacy



Original Color

18.7282, 0.4011, 0.3754

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.6094, 0.3433, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7282, 0.4011, 0.3754 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(150, 112, 85)` looks like.

```
.text, #text, p{  
    color:rgb(150, 112, 85)  
}
```

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(150, 112, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 112, 85) }
```

Border

The CSS property to change the border of an element to Yxy 18.7282, 0.4011, 0.3754 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(150, 112, 85) }
```

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

```
.border{ border-color:rgb(150, 112, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 112, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 112, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 112, 85);  
box-shadow:4px 4px 4px 4px rgb(150, 112,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7282, 0.4011, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 112, 85) }
```

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

```
.background{ background-color: rgb(150,  
112, 85) }
```

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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