

Converting Colors

$Y_{xy}(18.1595, 0.3695, 0.3548)$

Have a look what the booklet for
Yxy(18.1595, 0.3695, 0.3548)
contains.

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Color

Yxy(18.0456, 0.3696, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	8C7062
RGB	140, 112, 98
RGB Percent	55%, 44%, 38%
CMY	0.4510, 0.5608, 0.6157
CMYK	0.00, 0.20, 0.30, 0.45
HSL	20°, 18%, 47%
HSV	20°, 30%, 55%
XYZ	18.8143, 18.0456, 14.0445
YIQ	118.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

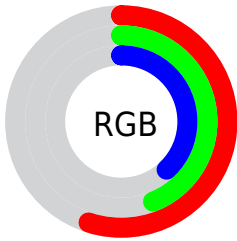
Format	Color
R_{YB}	140, 119, 98
Decimal	9203810
CIE _{Lab}	49.55, 8.85, 11.97
CIE _{LCh}	50, 14.884, 53.521
Yxy	18.0456, 0.3696, 0.3545
Android (android.graphics.Color)	4287393890 (0xFF8C7062)
YUV	118.7760, -10.2426, 18.6134
Hunter-Lab	42.4801, 4.7167, 10.1340

Details

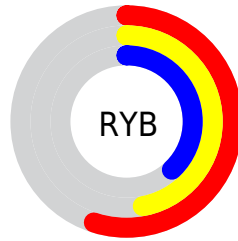
The Yxy color **18.0456, 0.3696, 0.3545** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.4101, 0.2680, 0.3019**, and the grayscale version is **18.4016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1902, 0.3555, 0.3490**, and **6.0386, 0.3941, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **15.8510, 0.3951, 0.3634**, and if you desaturate by 10%, it is **20.5016, 0.3476, 0.3456**.

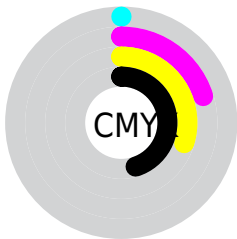
Distribution



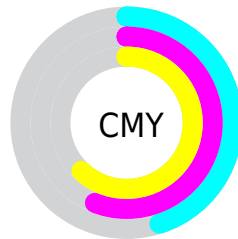
- Red (55%)
- Green (44%)
- Blue (38%)



- Red (55%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0456, 0.3696, 0.3545 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 18.0456, 0.3696, 0.3545 by changing the saturation by 10% instead.


 18.0456, 0.3696,
0.3545


 18.0456, 0.3696,
0.3545


241.1279, 0.3365,
0.3404


 10.9827, 0.3799,
0.3585


 40.1150, 0.3562,
0.3490


 6.0552, 0.3948,
0.3639

 55.8903, 0.3516,
0.3471

 2.8787, 0.4178,
0.3714

 75.3386, 0.3479,
0.3454

 1.0687, 0.4808,
0.4011

 98.8442, 0.3448,
0.3441

 0.0000, 1.0000,
0.0000

126.7916, 0.3422,
0.3429

 0.0000, 0.0000,
0.0000

159.5650, 0.3400,

0.3420

197.5490, 0.3381,
0.3411

■ 18.0456, 0.3696,
0.3545

■ 18.0456, 0.3696,
0.3545

■ 15.8510, 0.3951,
0.3634

■ 20.5016, 0.3476,
0.3456

■ 13.9063, 0.4241,
0.3717

■ 23.2250, 0.3288,
0.3371

■ 12.2031, 0.4562,
0.3787

■ 26.2245, 0.3127,
0.3290

■ 10.7313, 0.4903,
0.3833

■ 29.5079, 0.2991,
0.3215

■ 9.4799, 0.5245,
0.3844

■ 33.0825, 0.2875,
0.3146

■ 8.4371, 0.5560,
0.3810

■ 36.9555, 0.2775,
0.3084

■ 7.5841, 0.5839,
0.3746

■ 41.1336, 0.2690,
0.3026

■ 45.6235, 0.2617,
0.2974

■ 50.4315, 0.2553,
0.2926

Harmonies

Analogous

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



18.0456, 0.3624, 0.3310



18.0456, 0.3696, 0.3545



18.0456, 0.3607, 0.3728

Triad

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



18.0456, 0.3696, 0.3545



18.0456, 0.2838, 0.3509



18.0456, 0.2854, 0.2821

Complementary

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



18.0456, 0.3696, 0.3545



19.4101, 0.2680, 0.3019

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.



18.0456, 0.2661, 0.2850



18.0456, 0.3696, 0.3545



18.0456, 0.2652, 0.3237

Square

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



18.0456, 0.3696, 0.3545



18.0456, 0.3106, 0.3721



18.0456, 0.2589, 0.2997



18.0456, 0.3128, 0.2906

Rectangle

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



18.0456, 0.3696, 0.3545



18.0456, 0.3472, 0.3791



18.0456, 0.2589, 0.2997



18.0456, 0.2778, 0.2818

Sweetspot

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



18.0464, 0.3696, 0.3545



41.3580, 0.3274, 0.3364



15.8161, 0.3350, 0.2796



9.3776, 0.3296, 0.3375



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



18.0464, 0.3696, 0.3545



29.1523, 0.3864, 0.3605



23.2334, 0.3595, 0.3901



5.3034, 0.3273, 0.3363



6.7718, 0.5830, 0.3753



0.0698, 0.5103, 0.4330

Inverse Universe

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



19.4101, 0.2680, 0.3019



31.9471, 0.2582, 0.2948



14.5917, 0.2634, 0.2594



5.4123, 0.2991, 0.3215



8.7245, 0.1943, 0.2194



0.0850, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 18.0456, 0.3696, 0.3545 looks on a white 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

Black Background



This preview shows how the Yxy color 18.0456, 0.3696, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

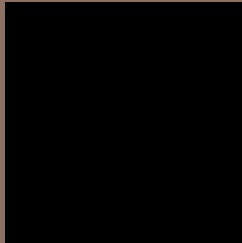
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0456, 0.3696, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 18.0456, 0.3696, 0.3545.

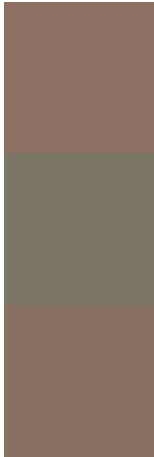


This preview shows how white text looks on a background with the Yxy color 18.0456, 0.3696, 0.3545.

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

18.0456, 0.3696, 0.3545

Protanopia

18.1815, 0.3412, 0.3619

Deuteranopia

17.9263, 0.3635, 0.3568



Tritanopia

17.9961, 0.3463, 0.3132

Trichromacy



Original Color

18.0456, 0.3696, 0.3545

Protanomaly

18.1567, 0.3513, 0.3593

Deuteranomaly

18.0105, 0.3649, 0.3567

Tritanomaly

17.9623, 0.3541, 0.3273

Monochromacy



Original Color

18.0456, 0.3696, 0.3545

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1505, 0.3332, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0456, 0.3696, 0.3545 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(140, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(140, 112, 98)  
}
```

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(140, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 112, 98) }
```

Border

The CSS property to change the border of an element to Yxy 18.0456, 0.3696, 0.3545 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(140, 112, 98) }
```

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

```
.border{ border-color:rgb(140, 112, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(140, 112,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0456, 0.3696, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 112, 98) }
```

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

```
.background{ background-color: rgb(140,  
112, 98) }
```

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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