

Converting Colors

$Y_{xy}(18.4266, 0.3659, 0.3445)$

Have a look what the booklet for
Yxy(18.4266, 0.3659, 0.3445)
contains.

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Color

Yxy(18.4275, 0.3656, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	8F7068
RGB	143, 112, 104
RGB Percent	56%, 44%, 41%
CMY	0.4393, 0.5607, 0.5922
CMYK	0.00, 0.22, 0.27, 0.44
HSL	12°, 16%, 48%
HSV	12°, 27%, 56%
XYZ	19.6188, 18.4275, 15.6156
YIQ	120.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

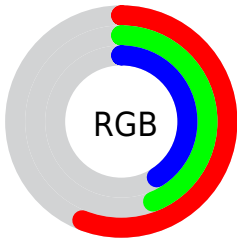
Format	Color
R_{YB}	143, 114, 104
Decimal	9400424
CIE Lab	50.01, 10.97, 9.12
CIE LCh	50, 14.264, 39.762
Yxy	18.4275, 0.3656, 0.3434
Android (android.graphics.Color)	4287590504 (0xFF8F7068)
YUV	120.3570, -8.0640, 19.8579
Hunter-Lab	42.9273, 6.4561, 8.4812

Details

The Yxy color **18.4275, 0.3656, 0.3434** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2442, 0.2728, 0.3141**, and the grayscale version is **18.9240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7878, 0.3528, 0.3409**, and **6.2375, 0.3896, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **15.8114, 0.3924, 0.3490**, and if you desaturate by 10%, it is **21.4108, 0.3431, 0.3379**.

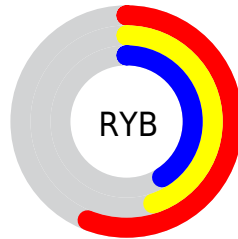
Distribution



Red (56%)

Green (44%)

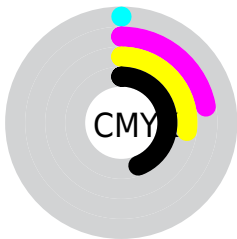
Blue (41%)



Red (56%)

Yellow (45%)

Blue (41%)

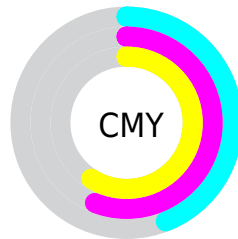


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (44%)



Cyan (44%)


Magenta (56%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.4275, 0.3656, 0.3434 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 18.4275, 0.3656, 0.3434 by changing the saturation by 10% instead.


 18.4275, 0.3656,
0.3434

 18.4275, 0.3656,
0.3434


243.2697, 0.3349,
0.3356


 11.2573, 0.3752,
0.3455


 40.7644, 0.3532,
0.3404

 6.2402, 0.3890,
0.3482

 56.7000, 0.3489,
0.3394

 2.9917, 0.4104,
0.3518

 76.3262, 0.3454,
0.3385

 1.1274, 0.4553,
0.3620

 100.0273, 0.3426,
0.3377

 0.0012, 0.9957,
0.0043

128.1879, 0.3402,
0.3371

 0.0000, 0.0000,
0.0000

161.1922, 0.3382,

0.3365

199.4247, 0.3364,
0.3361

■ 18.4275, 0.3656,
0.3434

■ 18.4275, 0.3656,
0.3434

■ 15.8114, 0.3924,
0.3490

■ 21.4108, 0.3431,
0.3379

■ 13.5458, 0.4238,
0.3542

■ 24.7721, 0.3244,
0.3326

■ 11.6163, 0.4597,
0.3586


■ 28.5251, 0.3087,
0.3277

■ 10.0066, 0.4989,
0.3613


■ 32.6819, 0.2957,
0.3232


■ 8.6991, 0.5389,
0.3615


■ 37.2541, 0.2849,
0.3191

 7.6742, 0.5758,
0.3583


 42.2528, 0.2757,
0.3153

 6.9077, 0.6059,
0.3524

 47.6888, 0.2680,
0.3119

 6.7379, 0.6135,
0.3511

 53.5724, 0.2615,
0.3088

 59.9136, 0.2559,
0.3060

Harmonies

Analogous

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



18.4275, 0.3521, 0.3206



18.4275, 0.3656, 0.3434



18.4275, 0.3641, 0.3638

Triad

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



18.4275, 0.3656, 0.3434



18.4275, 0.2963, 0.3603



18.4275, 0.2770, 0.2842

Complementary

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



18.4275, 0.3656, 0.3434



22.2442, 0.2728, 0.3141

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.



18.4275, 0.2636, 0.2922



18.4275, 0.3656, 0.3434



18.4275, 0.2743, 0.3360

Square

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



18.4275, 0.3656, 0.3434



18.4275, 0.3234, 0.3752



18.4275, 0.2626, 0.3108



18.4275, 0.3003, 0.2874

Rectangle

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



18.4275, 0.3656, 0.3434



18.4275, 0.3549, 0.3732



18.4275, 0.2626, 0.3108



18.4275, 0.2713, 0.2856

Sweetspot

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



18.4284, 0.3656, 0.3434



43.8043, 0.3259, 0.3331



17.4913, 0.3257, 0.2757



9.8458, 0.3283, 0.3338



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.



18.4284, 0.3656, 0.3434



29.9241, 0.3823, 0.3470



23.1485, 0.3572, 0.3762



5.5927, 0.3277, 0.3336



5.9843, 0.6127, 0.3517



0.0835, 0.5463, 0.4044

Inverse Universe

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



22.2442, 0.2728, 0.3141



37.9755, 0.2640, 0.3101



17.3440, 0.2693, 0.2768



5.9306, 0.2990, 0.3244



12.3423, 0.2065, 0.2633



0.1487, 0.2161, 0.2978

Previews

White Background



This preview shows how the Yxy color 18.4275, 0.3656, 0.3434 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 18.4275, 0.3656, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

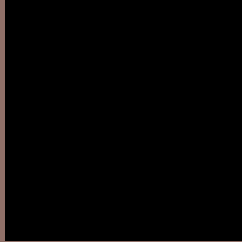
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4275, 0.3656, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 18.4275, 0.3656, 0.3434.

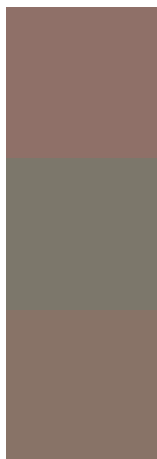


This preview shows how white text looks on a background with the Yxy color 18.4275, 0.3656, 0.3434.

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

18.4275, 0.3656, 0.3434

Protanopia

18.5403, 0.3335, 0.3520

Deuteranopia

18.4750, 0.3560, 0.3511



Tritanopia

18.4796, 0.3501, 0.3152

Trichromacy



Original Color

18.4275, 0.3656, 0.3434

Protanomaly

18.3567, 0.3449, 0.3478

Deuteranomaly

18.5029, 0.3605, 0.3490

Tritanomaly

18.4904, 0.3551, 0.3256

Monochromacy



Original Color

18.4275, 0.3656, 0.3434

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.5267, 0.3306, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4275, 0.3656, 0.3434 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(143, 112, 104)` looks like.

```
.text, #text, p{  
    color:rgb(143, 112, 104)  
}
```

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(143, 112, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 112, 104) }
```

Border

The CSS property to change the border of an element to Yxy 18.4275, 0.3656, 0.3434 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(143, 112, 104) }
```

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

```
.border{ border-color:rgb(143, 112, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 112, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 112, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 112, 104);  
box-shadow:4px 4px 4px 4px rgb(143, 112,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4275, 0.3656, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 112, 104) }
```

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

```
.background{ background-color: rgb(143,  
112, 104) }
```

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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