

Converting Colors

$Y_{xy}(18.6632, 0.3734, 0.3571)$

Have a look what the booklet for
Yxy(18.6632, 0.3734, 0.3571)
contains.

Yxy(18.7561, 0.3727, 0.3576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(18.7561, 0.3727, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	8F7262
RGB	143, 114, 98
RGB Percent	56%, 45%, 38%
CMY	0.4393, 0.5529, 0.6157
CMYK	0.00, 0.20, 0.31, 0.44
HSL	21°, 19%, 47%
HSV	21°, 31%, 56%
XYZ	19.5481, 18.7561, 14.1457
YIQ	120.8470, 22.4200, 1.1720

Conversions

Conversions Part 2

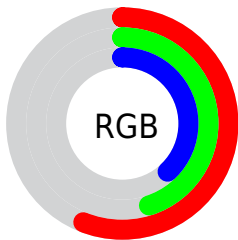
Format	Color
R_{YB}	143, 123, 98
Decimal	9400930
CIE _{Lab}	50.40, 8.93, 13.19
CIE _{LCh}	50, 15.927, 55.904
Yxy	18.7561, 0.3727, 0.3576
Android (android.graphics.Color)	4287591010 (0xFF8F7262)
YUV	120.8470, -11.2636, 19.4282
Hunter-Lab	43.3083, 4.7801, 10.9500

Details

The Yxy color **18.7561, 0.3727, 0.3576** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7538, 0.2656, 0.2984**, and the grayscale version is **19.1003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4481, 0.3589, 0.3513**, and **6.4108, 0.4006, 0.3690** is the 20% darker color. If you saturate the color by 10%, you get **16.5359, 0.3983, 0.3670**, and if you desaturate by 10%, it is **21.2356, 0.3504, 0.3481**.

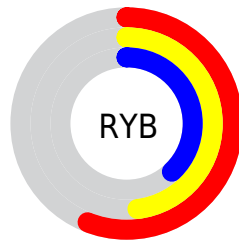
Distribution



Red (56%)

Green (45%)

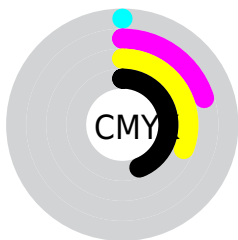
Blue (38%)



Red (56%)

Yellow (48%)

Blue (38%)

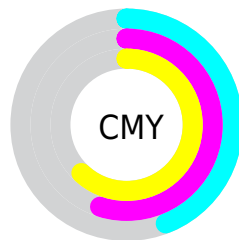


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (44%)



Cyan (44%)


Magenta (55%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.7561, 0.3727, 0.3576 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 18.7561, 0.3727, 0.3576 by changing the saturation by 10% instead.

 18.7561, 0.3727,
0.3576


 18.7561, 0.3727,
0.3576


245.0990, 0.3380,
0.3418


 11.4942, 0.3834,
0.3620


 41.3216, 0.3587,
0.3515

 6.4003, 0.3987,
0.3680


 57.3939, 0.3539,
0.3493

 3.0900, 0.4221,
0.3761

 77.1718, 0.3500,
0.3475

 1.1789, 0.4820,
0.4043

 101.0397, 0.3467,
0.3460

 0.0444, 0.8543,
0.1457

129.3820, 0.3440,
0.3447

 0.0000, 0.0000,
0.0000

162.5830, 0.3417,

0.3436

201.0272, 0.3397,
0.3427

■ 18.7561, 0.3727,
0.3576

■ 18.7561, 0.3727,
0.3576

■ 16.5359, 0.3983,
0.3670

■ 21.2356, 0.3504,
0.3481

■ 14.5636, 0.4272,
0.3758

■ 23.9801, 0.3313,
0.3389

■ 12.8309, 0.4590,
0.3830

■ 26.9984, 0.3149,
0.3302

■ 11.3279, 0.4923,
0.3876

■ 30.2979, 0.3009,
0.3221

■ 10.0438, 0.5253,
0.3885

■ 33.8860, 0.2890,
0.3147

■ 8.9669, 0.5552,
0.3846

■ 37.7695, 0.2787,
0.3079

■ 8.1953, 0.5783,
0.3790

■ 41.9553, 0.2699,
0.3016

■ 46.4498, 0.2623,
0.2959

■ 51.2594, 0.2557,
0.2907

Harmonies

Analogous

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



18.7561, 0.3665, 0.3330



18.7561, 0.3727, 0.3576



18.7561, 0.3620, 0.3763

Triad

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



18.7561, 0.3727, 0.3576



18.7561, 0.2803, 0.3500



18.7561, 0.2859, 0.2799

Complementary

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



18.7561, 0.3727, 0.3576



19.7538, 0.2656, 0.2984

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.



18.7561, 0.2648, 0.2819



18.7561, 0.3727, 0.3576



18.7561, 0.2616, 0.3211

Square

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



18.7561, 0.3727, 0.3576



18.7561, 0.3080, 0.3733



18.7561, 0.2561, 0.2963



18.7561, 0.3152, 0.2897

Rectangle

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



18.7561, 0.3727, 0.3576



18.7561, 0.3471, 0.3824



18.7561, 0.2561, 0.2963



18.7561, 0.2777, 0.2792

Sweetspot

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



18.7570, 0.3727, 0.3576



44.1366, 0.3273, 0.3369



16.1131, 0.3375, 0.2783



9.9623, 0.3296, 0.3381



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.



18.7570, 0.3727, 0.3576



30.6317, 0.3912, 0.3646



24.3965, 0.3616, 0.3944



5.7185, 0.3273, 0.3369



7.2843, 0.5774, 0.3797



0.1085, 0.5051, 0.4372

Inverse Universe

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



19.7538, 0.2656, 0.2984



32.7079, 0.2549, 0.2900



14.6321, 0.2605, 0.2537



5.7978, 0.2990, 0.3210



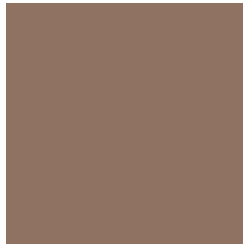
8.5803, 0.1920, 0.2113



0.1237, 0.2084, 0.2704

Previews

White Background



This preview shows how the Yxy color 18.7561, 0.3727, 0.3576 looks on a white background.

Color Contrast Check

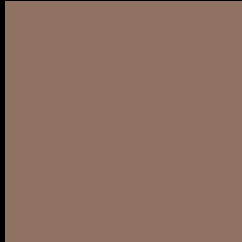
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7561, 0.3727, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

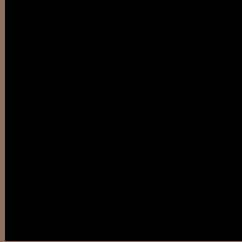
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7561, 0.3727, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 18.7561, 0.3727, 0.3576.



This preview shows how white text looks on a background with the Yxy color 18.7561, 0.3727, 0.3576.

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

18.7561, 0.3727, 0.3576

Protanopia

18.8846, 0.3445, 0.3651

Deuteranopia

18.6323, 0.3667, 0.3599



Tritanopia

18.7447, 0.3471, 0.3135

Trichromacy



Original Color

18.7561, 0.3727, 0.3576

Protanomaly

18.8635, 0.3546, 0.3625

Deuteranomaly

18.7188, 0.3681, 0.3598

Tritanomaly

18.6875, 0.3561, 0.3291

Monochromacy



Original Color

18.7561, 0.3727, 0.3576

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.8162, 0.3329, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7561, 0.3727, 0.3576 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, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(143, 114, 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(143, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 114, 98) }
```

Border

The CSS property to change the border of an element to Yxy 18.7561, 0.3727, 0.3576 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, 114, 98) }
```

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

```
.border{ border-color:rgb(143, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(143, 114,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7561, 0.3727, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 114, 98) }
```

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

```
.background{ background-color: rgb(143,  
114, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor