

Converting Colors

$Y_{xy}(16.1719, 0.3781, 0.3270)$

Have a look what the booklet for
Yxy(16.1719, 0.3781, 0.3270)
contains.

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Color

Yxy(16.0934, 0.3770, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	916466
RGB	145, 100, 102
RGB Percent	57%, 39%, 40%
CMY	0.4314, 0.6078, 0.5999
CMYK	0.00, 0.31, 0.30, 0.43
HSL	357°, 18%, 48%
HSV	357°, 31%, 57%
XYZ	18.6339, 16.0934, 14.6996
YIQ	113.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

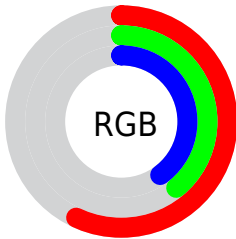
Format	Color
R_{YB}	145, 100, 102
Decimal	9528422
CIE Lab	47.10, 18.49, 6.19
CIE LCh	47, 19.503, 18.500
Yxy	16.0934, 0.3770, 0.3256
Android (android.graphics.Color)	4287718502 (0xFF916466)
YUV	113.6830, -5.7597, 27.4650
Hunter-Lab	40.1166, 12.7083, 6.3565

Details

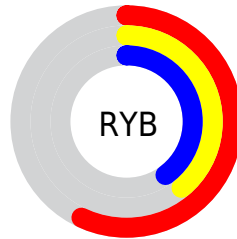
The Yxy color **16.0934, 0.3770, 0.3256** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9445, 0.2712, 0.3326**, and the grayscale version is **16.7398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7125, 0.3614, 0.3265**, and **5.1492, 0.4075, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **13.3035, 0.4082, 0.3245**, and if you desaturate by 10%, it is **19.4259, 0.3515, 0.3267**.

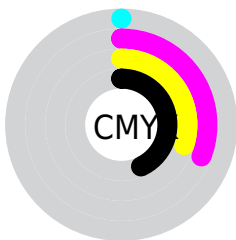
Distribution



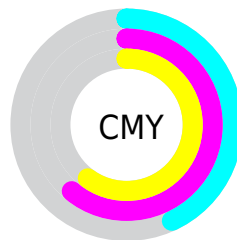
- Red (57%)
- Green (39%)
- Blue (40%)



- Red (57%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (43%)





- Cyan (43%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0934, 0.3770, 0.3256 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 16.0934, 0.3770, 0.3256 by changing the saturation by 10% instead.


 16.0934, 0.3770,
0.3256


 16.0934, 0.3770,
0.3256


229.8922, 0.3389,
0.3282


 9.5903, 0.3893,
0.3244


 36.7603, 0.3614,
0.3269


 5.1282, 0.4073,
0.3223

 51.6928, 0.3561,
0.3273

 2.3226, 0.4361,
0.3183

 70.2039, 0.3518,
0.3275

 0.7857, 0.5086,
0.3195

 92.6780, 0.3483,
0.3277

 0.0000, 1.0000,
0.0000


119.4995, 0.3454,
0.3279


 0.0000, 0.0000,
0.0000


151.0528, 0.3429,


0.3280


187.7222, 0.3408,
0.3281


 16.0934, 0.3770,
0.3256


 16.0934, 0.3770,
0.3256


 13.3035, 0.4082,
0.3245


 19.4259, 0.3515,
0.3267


 11.0252, 0.4455,
0.3236


 23.3250, 0.3309,
0.3278

 9.2283, 0.4883,
0.3231


 27.8164, 0.3142,
0.3289

 7.8782, 0.5338,
0.3232


 32.9231, 0.3008,
0.3299


 6.9356, 0.5773,
0.3241


 38.6673, 0.2900,
0.3307

 6.3547, 0.6121,
0.3258

 45.0697, 0.2811,
0.3315

 6.0345, 0.6338,
0.3265

 52.1505, 0.2739,
0.3323

 59.9286, 0.2679,
0.3329

 68.4225, 0.2629,
0.3335

Harmonies

Analogous

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



16.0934, 0.3453, 0.2963



16.0934, 0.3770, 0.3256



16.0934, 0.3903, 0.3573

Triad

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



16.0934, 0.3770, 0.3256



16.0934, 0.3158, 0.3921



16.0934, 0.2474, 0.2718

Complementary

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



16.0934, 0.3770, 0.3256



24.9445, 0.2712, 0.3326

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.



16.0934, 0.2408, 0.2932



16.0934, 0.3770, 0.3256



16.0934, 0.2788, 0.3650

Square

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



16.0934, 0.3770, 0.3256



16.0934, 0.3535, 0.3985



16.0934, 0.2519, 0.3273



16.0934, 0.2704, 0.2659

Rectangle

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



16.0934, 0.3770, 0.3256



16.0934, 0.3866, 0.3763



16.0934, 0.2519, 0.3273



16.0934, 0.2433, 0.2772

Sweetspot

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



16.0942, 0.3770, 0.3256



43.1749, 0.3275, 0.3280



16.9765, 0.3132, 0.2538



9.3814, 0.3299, 0.3279



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.



16.0942, 0.3770, 0.3256



25.3514, 0.3974, 0.3249



20.4340, 0.3696, 0.3645



5.4278, 0.3275, 0.3281



5.1766, 0.6332, 0.3262



0.0501, 0.6022, 0.3091

Inverse Universe

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



16.0942, 0.3770, 0.3256



25.3514, 0.3974, 0.3249



19.3585, 0.2652, 0.2906



5.4278, 0.3275, 0.3281



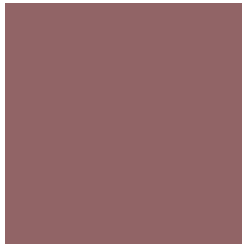
5.1766, 0.6332, 0.3262



0.0501, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 16.0934, 0.3770, 0.3256 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 16.0934, 0.3770, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

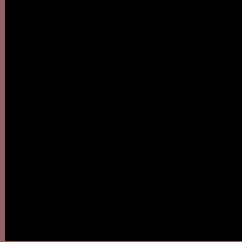
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0934, 0.3770, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 16.0934, 0.3770, 0.3256.



This preview shows how white text looks on a background with the Yxy color 16.0934, 0.3770, 0.3256.

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

16.0934, 0.3770, 0.3256

Protanopia

16.3159, 0.3217, 0.3371

Deuteranopia

16.1767, 0.3488, 0.3427



Tritanopia

16.0050, 0.3699, 0.3150

Trichromacy



Original Color

16.0934, 0.3770, 0.3256

Protanomaly

16.2014, 0.3405, 0.3330

Deuteranomaly

16.1111, 0.3601, 0.3367

Tritanomaly

15.9633, 0.3729, 0.3185

Monochromacy



Original Color

16.0934, 0.3770, 0.3256

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.4230, 0.3335, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0934, 0.3770, 0.3256 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(145, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(145, 100, 102)  
}
```

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(145, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 100, 102) }
```

Border

The CSS property to change the border of an element to Yxy 16.0934, 0.3770, 0.3256 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(145, 100, 102) }
```

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

```
.border{ border-color:rgb(145, 100, 102) }
```

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

Here you see how a box with a 4 pixel rgb(145, 100, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(145, 100,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0934, 0.3770, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 100, 102) }
```

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

```
.background{ background-color: rgb(145,  
100, 102) }
```

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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