

Converting Colors

$Y_{xy}(16.4026, 0.3150, 0.2504)$

Have a look what the booklet for
Yxy(16.4026, 0.3150, 0.2504)
contains.

Yxy(16.4026, 0.3150, 0.2504)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.4026, 0.3150, 0.2504)

Conversions

Conversions Part 1

Format	Color
Hex	8F6190
RGB	143, 97, 144
RGB Percent	56%, 38%, 56%
CMY	0.4393, 0.6196, 0.4352
CMYK	0.01, 0.33, 0.00, 0.44
HSL	299°, 20%, 47%
HSV	299°, 33%, 56%
XYZ	20.6343, 16.4026, 28.4687
YIQ	116.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

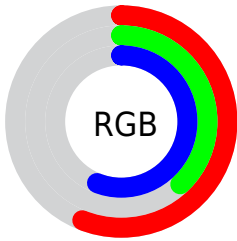
Format	Color
R_{YB}	143, 97, 144
Decimal	9396624
CIE _{Lab}	47.50, 26.81, -18.41
CIE _{LCh}	47, 32.519, 325.521
Yxy	16.4026, 0.3150, 0.2504
Android (android.graphics.Color)	4287586704 (0xFF8F6190)
YUV	116.1120, 13.7488, 23.5808
Hunter-Lab	40.5001, 20.0681, -13.3266

Details

The Yxy color **16.4026, 0.3150, 0.2504** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.4127, 0.3094, 0.4217**, and the grayscale version is **17.4557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1273, 0.3147, 0.2667**, and **5.2623, 0.3156, 0.2218** is the 20% darker color. If you saturate the color by 10%, you get **13.9506, 0.3155, 0.2273**, and if you desaturate by 10%, it is **19.3393, 0.3144, 0.2746**.

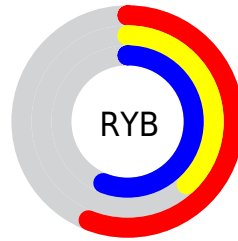
Distribution



Red (56%)

Green (38%)

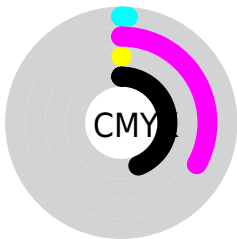
Blue (56%)



Red (56%)

Yellow (38%)

Blue (56%)

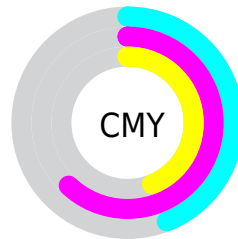


Cyan (1%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (44%)


Magenta (62%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.4026, 0.3150, 0.2504 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 16.4026, 0.3150, 0.2504 by changing the saturation by 10% instead.


 16.4026, 0.3150,
0.2504


 16.4026, 0.3150,
0.2504


231.7058, 0.3147,
0.2939


 9.8095, 0.3146,
0.2380


 37.2957, 0.3151,
0.2673


 5.2728, 0.3138,
0.2211


 52.3646, 0.3151,
0.2733

 2.4082, 0.3118,
0.1968

 71.0274, 0.3150,
0.2782

 0.8301, 0.3066,
0.1593

 93.6687, 0.3150,
0.2824

 0.0000, 0.2841,
0.0000

120.6727, 0.3149,
0.2859

 0.0000, 0.0000,
0.0000

152.4240, 0.3148,

0.2889

189.3069, 0.3147,
0.2916

■ 16.4026, 0.3150,
0.2504

■ 16.4026, 0.3150,
0.2504

■ 13.9506, 0.3155,
0.2273

■ 19.3393, 0.3144,
0.2746

■ 11.9550, 0.3159,
0.2061

■ 22.7827, 0.3137,
0.2989

■ 10.3878, 0.3162,
0.1876


■ 26.7561, 0.3129,
0.3228

■ 9.2172, 0.3162,
0.1727


■ 31.2808, 0.3122,
0.3458

■ 8.4069, 0.3161,
0.1617


■ 36.3767, 0.3114,
0.3675


 7.9140, 0.3158,
0.1548

 42.0629, 0.3107,
0.3877

 7.6632, 0.3156,
0.1512

 48.3577, 0.3100,
0.4062

 55.2783, 0.3093,
0.4232

 62.8415, 0.3087,
0.4387

Harmonies

Analogous

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



16.4026, 0.2553, 0.2313



16.4026, 0.3150, 0.2504



16.4026, 0.3804, 0.2860

Triad

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



16.4026, 0.3150, 0.2504



16.4026, 0.4146, 0.4243



16.4026, 0.2088, 0.3087

Complementary

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



16.4026, 0.3150, 0.2504



23.4127, 0.3094, 0.4217

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.



16.4026, 0.2442, 0.3751



16.4026, 0.3150, 0.2504



16.4026, 0.3626, 0.4467

Square

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



16.4026, 0.3150, 0.2504



16.4026, 0.4403, 0.3811



16.4026, 0.3001, 0.4302



16.4026, 0.1992, 0.2583

Rectangle

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



16.4026, 0.3150, 0.2504



16.4026, 0.4157, 0.3160



16.4026, 0.3001, 0.4302



16.4026, 0.2178, 0.3301

Sweetspot

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



16.4033, 0.3150, 0.2504



41.7921, 0.3135, 0.3048



13.4001, 0.2569, 0.2393



9.3903, 0.3136, 0.3018



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.



16.4033, 0.3150, 0.2504



25.7441, 0.3154, 0.2337



15.8891, 0.3466, 0.2854



5.5051, 0.3134, 0.3073



6.6734, 0.3156, 0.1512



0.0650, 0.3185, 0.1528

Inverse Universe

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



15.3647, 0.3832, 0.3274



23.6328, 0.4062, 0.3270



23.8229, 0.2888, 0.3774



5.4259, 0.3278, 0.3286



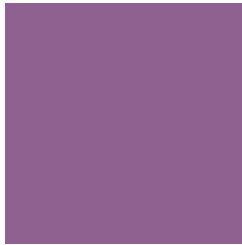
5.1699, 0.6367, 0.3281



0.0497, 0.6207, 0.3193

Previews

White Background



This preview shows how the Yxy color 16.4026, 0.3150, 0.2504 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 16.4026, 0.3150, 0.2504 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 16.4026, 0.3150, 0.2504

Background



This preview shows how black text looks on a background with the Yxy color 16.4026, 0.3150, 0.2504.



This preview shows how white text looks on a background with the Yxy color 16.4026, 0.3150, 0.2504.

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

16.4026, 0.3150, 0.2504

Protanopia

16.4448, 0.2531, 0.2469

Deuteranopia

16.5432, 0.2761, 0.2719



Tritanopia

16.3372, 0.3537, 0.3146

Trichromacy



Original Color

16.4026, 0.3150, 0.2504

Protanomaly

16.2554, 0.2732, 0.2475

Deuteranomaly

16.3260, 0.2888, 0.2631

Tritanomaly

16.3129, 0.3386, 0.2901

Monochromacy



Original Color

16.4026, 0.3150, 0.2504

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8793, 0.3142, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.4026, 0.3150, 0.2504 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, 97, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 97, 144)  
}
```

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, 97, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 97, 144) }
```

Border

The CSS property to change the border of an element to Yxy 16.4026, 0.3150, 0.2504 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, 97, 144) }
```

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

```
.border{ border-color:rgb(143, 97, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 97, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 97, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 97, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 97,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 16.4026, 0.3150, 0.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 97, 144) }
```

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

```
.background{ background-color: rgb(143, 97,  
144) }
```

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