

Converting Colors

$Y_{xy}(16.6505, 0.3376, 0.2763)$

Have a look what the booklet for
Yxy(16.6505, 0.3376, 0.2763)
contains.

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Color

Yxy(16.6464, 0.3377, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	926382
RGB	146, 99, 130
RGB Percent	57%, 39%, 51%
CMY	0.4274, 0.6118, 0.4902
CMYK	0.00, 0.32, 0.11, 0.43
HSL	320°, 19%, 48%
HSV	320°, 32%, 57%
XYZ	20.3456, 16.6464, 23.2556
YIQ	116.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

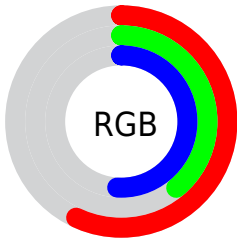
Format	Color
R_{YB}	146, 99, 130
Decimal	9593730
CIE _{Lab}	47.81, 24.05, -9.53
CIE _{LCh}	48, 25.869, 338.381
Yxy	16.6464, 0.3377, 0.2763
Android (android.graphics.Color)	4287783810 (0xFF926382)
YUV	116.5870, 6.6126, 25.7952
Hunter-Lab	40.8000, 17.6120, -5.2347

Details

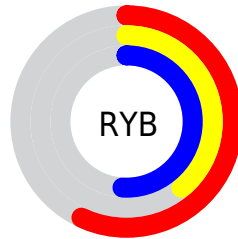
The Yxy color **16.6464, 0.3377, 0.2763** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.4515, 0.2943, 0.3885**, and the grayscale version is **17.6303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6491, 0.3325, 0.2875**, and **5.3414, 0.3460, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **13.9958, 0.3482, 0.2598**, and if you desaturate by 10%, it is **19.8052, 0.3286, 0.2931**.

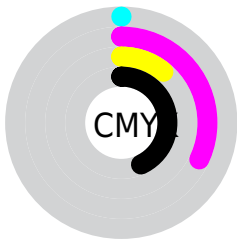
Distribution



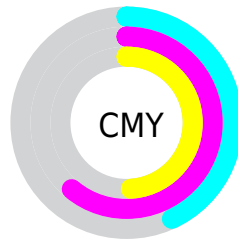
- Red (57%)
- Green (39%)
- Blue (51%)



- Red (57%)
- Yellow (39%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (43%)




- Cyan (43%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.6464, 0.3377, 0.2763 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 16.6464, 0.3377, 0.2763 by changing the saturation by 10% instead.


 16.6464, 0.3377,
0.2763


 16.6464, 0.3377,
0.2763


233.1264, 0.3236,
0.3060


 9.9827, 0.3419,
0.2675


 37.7168, 0.3321,
0.2880


 5.3875, 0.3477,
0.2553


 52.8923, 0.3302,
0.2921

 2.4764, 0.3563,
0.2371

 71.6739, 0.3286,
0.2955

 0.8648, 0.3705,
0.2073

 94.4459, 0.3273,
0.2983

 0.0000, 0.4699,
0.0000

121.5927, 0.3262,
0.3006

 0.0000, 0.0000,
0.0000

153.4988, 0.3252,

0.3027

190.5486, 0.3244,
0.3044

■ 16.6464, 0.3377,
0.2763

■ 16.6464, 0.3377,
0.2763

■ 13.9958, 0.3482,
0.2598

■ 19.8052, 0.3286,
0.2931

■ 11.8240, 0.3601,
0.2443

■ 23.4949, 0.3207,
0.3097

■ 10.1023, 0.3732,
0.2309


■ 27.7397, 0.3140,
0.3256


■ 8.7976, 0.3872,
0.2204


■ 32.5616, 0.3084,
0.3407

■ 7.8726, 0.4018,
0.2140


■ 37.9812, 0.3037,
0.3547


 7.2830, 0.4164,
0.2123

 44.0185, 0.2997,
0.3678

 6.9609, 0.4278,
0.2131

 50.6921, 0.2964,
0.3798

 58.0201, 0.2937,
0.3908

 66.0198, 0.2914,
0.4010

Harmonies

Analogous

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



16.6464, 0.2863, 0.2541



16.6464, 0.3377, 0.2763



16.6464, 0.3852, 0.3104

Triad

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



16.6464, 0.3377, 0.2763



16.6464, 0.3793, 0.4160



16.6464, 0.2226, 0.2946

Complementary

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



16.6464, 0.3377, 0.2763



24.4515, 0.2943, 0.3885

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.



16.6464, 0.2434, 0.3432



16.6464, 0.3377, 0.2763



16.6464, 0.3328, 0.4194

Square

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



16.6464, 0.3377, 0.2763



16.6464, 0.4093, 0.3888



16.6464, 0.2830, 0.3919



16.6464, 0.2235, 0.2614

Rectangle

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



16.6464, 0.3377, 0.2763



16.6464, 0.4063, 0.3368



16.6464, 0.2830, 0.3919



16.6464, 0.2271, 0.3096

Sweetspot

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



16.6472, 0.3377, 0.2763



42.8548, 0.3193, 0.3129



14.6221, 0.2759, 0.2419



9.3356, 0.3202, 0.3109



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.



16.6472, 0.3377, 0.2763



25.7330, 0.3456, 0.2637



16.0938, 0.3716, 0.3154



5.8759, 0.3186, 0.3145



6.1291, 0.4271, 0.2127



0.0806, 0.3697, 0.1810

Inverse Universe

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



16.6472, 0.3377, 0.2763



25.7330, 0.3456, 0.2637



25.0532, 0.2744, 0.3433



5.8759, 0.3186, 0.3145



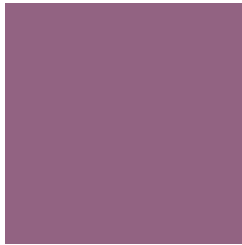
6.1291, 0.4271, 0.2127



0.0806, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 16.6464, 0.3377, 0.2763 looks on a white background.

Color Contrast Check

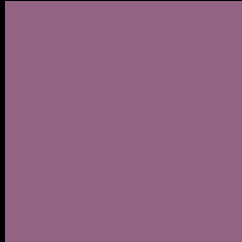
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6464, 0.3377, 0.2763 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 16.6464, 0.3377, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 16.6464, 0.3377, 0.2763.



This preview shows how white text looks on a background with the Yxy color 16.6464, 0.3377, 0.2763.

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

16.6464, 0.3377, 0.2763

Protanopia

16.8625, 0.2773, 0.2791

Deuteranopia

16.7789, 0.3013, 0.2965



Tritanopia

16.7556, 0.3623, 0.3168

Trichromacy



Original Color

16.6464, 0.3377, 0.2763

Protanomaly

16.6403, 0.2970, 0.2772

Deuteranomaly

16.6896, 0.3133, 0.2885

Tritanomaly

16.8068, 0.3540, 0.3029

Monochromacy



Original Color

16.6464, 0.3377, 0.2763

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1462, 0.3218, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6464, 0.3377, 0.2763 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(146, 99, 130)` looks like.

```
.text, #text, p{  
    color:rgb(146, 99, 130)  
}
```

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(146, 99, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 99, 130) }
```

Border

The CSS property to change the border of an element to Yxy 16.6464, 0.3377, 0.2763 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(146, 99, 130) }
```

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

```
.border{ border-color:rgb(146, 99, 130) }
```

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

Here you see how a box with a 4 pixel rgb(146, 99, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 99, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 99, 130);  
box-shadow:4px 4px 4px 4px rgb(146, 99,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6464, 0.3377, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 99, 130) }
```

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

```
.background{ background-color: rgb(146, 99,  
130) }
```

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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