

Converting Colors

$Y_{xy}(16.5695, 0.3658, 0.2915)$

Have a look what the booklet for
Yxy(16.5695, 0.3658, 0.2915)
contains.

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Color

Yxy(16.5677, 0.3659, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	9A6077
RGB	154, 96, 119
RGB Percent	60%, 38%, 47%
CMY	0.3960, 0.6235, 0.5334
CMYK	0.00, 0.38, 0.23, 0.40
HSL	336°, 23%, 49%
HSV	336°, 38%, 60%
XYZ	20.8392, 16.5677, 19.5464
YIQ	115.9640, 27.1850, 19.4490

Conversions

Conversions Part 2

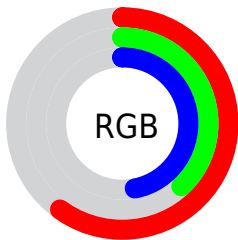
Format	Color
R_{YB}	154, 96, 119
Decimal	10117239
CIE Lab	47.71, 26.88, -2.98
CIE LCh	48, 27.047, 353.680
Yxy	16.5677, 0.3659, 0.2909
Android (android.graphics.Color)	4288307319 (0xFF9A6077)
YUV	115.9640, 1.4967, 33.3576
Hunter-Lab	40.7034, 20.1567, 0.0205

Details

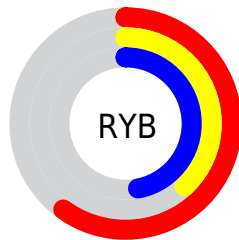
The Yxy color **16.5677, 0.3659, 0.2909** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2401, 0.2791, 0.3712**, and the grayscale version is **17.4428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5093, 0.3540, 0.2994**, and **5.3355, 0.3880, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **13.8155, 0.3871, 0.2809**, and if you desaturate by 10%, it is **19.8938, 0.3480, 0.3014**.

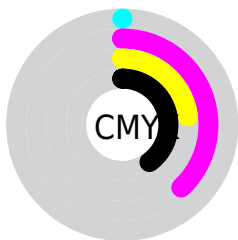
Distribution



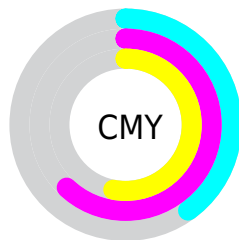
- Red (60%)
- Green (38%)
- Blue (47%)



- Red (60%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (40%)




- Cyan (40%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5677, 0.3659, 0.2909 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 16.5677, 0.3659, 0.2909 by changing the saturation by 10% instead.


 16.5677, 0.3659,
0.2909


 16.5677, 0.3659,
0.2909


232.6687, 0.3350,
0.3128


 9.9268, 0.3756,
0.2842


 37.5810, 0.3534,
0.2997


 5.3504, 0.3895,
0.2746

 52.7221, 0.3491,
0.3027

 2.4543, 0.4112,
0.2600

 71.4655, 0.3456,
0.3052

 0.8536, 0.4496,
0.2347

 94.1954, 0.3428,
0.3072

 0.0000, 1.0000,
0.0000

121.2962, 0.3403,
0.3090

 0.0000, 0.0000,
0.0000

153.1525, 0.3383,

0.3104

190.1485, 0.3365,
0.3117

■ 16.5677, 0.3659,
0.2909

■ 16.5677, 0.3659,
0.2909

■ 13.8155, 0.3871,
0.2809

■ 19.8938, 0.3480,
0.3014

■ 11.6020, 0.4118,
0.2722

■ 23.8219, 0.3330,
0.3117

■ 9.8917, 0.4395,
0.2659


■ 28.3807, 0.3207,
0.3217

■ 8.6437, 0.4694,
0.2630


■ 33.5966, 0.3105,
0.3311

■ 7.8107, 0.4999,
0.2648


■ 39.4945, 0.3021,
0.3399

 7.3098, 0.5291,
0.2711

 46.0980, 0.2952,
0.3479

 7.2078, 0.5360,
0.2726

 53.4293, 0.2895,
0.3553

 61.5100, 0.2848,
0.3621

 70.3606, 0.2809,
0.3682

Harmonies

Analogous

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



16.5677, 0.3118, 0.2609



16.5677, 0.3659, 0.2909



16.5677, 0.4067, 0.3302

Triad

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



16.5677, 0.3659, 0.2909



16.5677, 0.3586, 0.4259



16.5677, 0.2164, 0.2727

Complementary

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



16.5677, 0.3659, 0.2909



27.2401, 0.2791, 0.3712

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.



16.5677, 0.2265, 0.3164



16.5677, 0.3659, 0.2909



16.5677, 0.3064, 0.4132

Square

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



16.5677, 0.3659, 0.2909



16.5677, 0.4006, 0.4080



16.5677, 0.2584, 0.3703



16.5677, 0.2288, 0.2488

Rectangle

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



16.5677, 0.3659, 0.2909



16.5677, 0.4186, 0.3583



16.5677, 0.2584, 0.3703



16.5677, 0.2172, 0.2853

Sweetspot

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



16.5685, 0.3659, 0.2909



48.4706, 0.3248, 0.3182



15.5094, 0.2870, 0.2301



10.7344, 0.3263, 0.3170



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.5685, 0.3659, 0.2909



25.9022, 0.3831, 0.2826



17.1795, 0.3981, 0.3390



6.2612, 0.3225, 0.3202



5.8784, 0.5340, 0.2715



0.0947, 0.4337, 0.2163

Inverse Universe

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



16.5685, 0.3659, 0.2909



25.9022, 0.3831, 0.2826



26.0651, 0.2601, 0.3185



6.2612, 0.3225, 0.3202



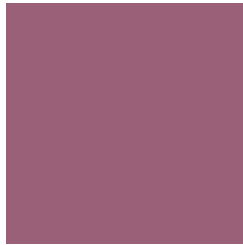
5.8784, 0.5340, 0.2715



0.0947, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 16.5677, 0.3659, 0.2909 looks on a white background.

Color Contrast Check

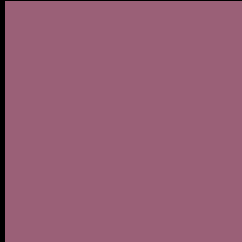
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5677, 0.3659, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

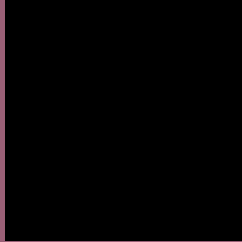
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5677, 0.3659, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 16.5677, 0.3659, 0.2909.



This preview shows how white text looks on a background with the Yxy color 16.5677, 0.3659, 0.2909.

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

16.5677, 0.3659, 0.2909

Protanopia

16.7747, 0.2915, 0.2977

Deuteranopia

16.6238, 0.3227, 0.3175



Tritanopia

16.5483, 0.3835, 0.3157

Trichromacy



Original Color

16.5677, 0.3659, 0.2909

Protanomaly

16.5081, 0.3170, 0.2954

Deuteranomaly

16.4558, 0.3376, 0.3070

Tritanomaly

16.4694, 0.3763, 0.3056

Monochromacy



Original Color

16.5677, 0.3659, 0.2909

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9675, 0.3311, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5677, 0.3659, 0.2909 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(154, 96, 119)` looks like.

```
.text, #text, p{  
    color:rgb(154, 96, 119)  
}
```

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(154, 96, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 96, 119) }
```

Border

The CSS property to change the border of an element to Yxy 16.5677, 0.3659, 0.2909 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(154, 96, 119) }
```

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

```
.border{ border-color:rgb(154, 96, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 96, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 96, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 96, 119); box-shadow:4px 4px 4px 4px rgb(154, 96, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5677, 0.3659, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 96, 119) }
```

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

```
.background{ background-color: rgb(154, 96,  
119) }
```

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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