

Converting Colors

$Y_{xy}(17.9928, 0.3654, 0.2991)$

Have a look what the booklet for
Yxy(17.9928, 0.3654, 0.2991)
contains.

Yxy(18.0269, 0.3665, 0.2996)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.0269, 0.3665, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	9D6678
RGB	157, 102, 120
RGB Percent	62%, 40%, 47%
CMY	0.3842, 0.6001, 0.5294
CMYK	0.00, 0.35, 0.24, 0.38
HSL	340°, 22%, 51%
HSV	340°, 35%, 62%
XYZ	22.0523, 18.0269, 20.0907
YIQ	120.4970, 27.0020, 17.2580

Conversions

Conversions Part 2

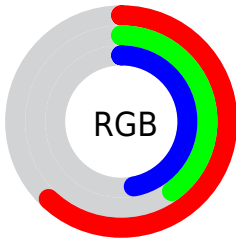
Format	Color
R _Y B	157, 102, 120
Decimal	10315384
CIE Lab	49.53, 24.79, -0.88
CIE LCh	50, 24.802, 357.966
Yxy	18.0269, 0.3665, 0.2996
Android (android.graphics.Color)	4288505464 (0xFF9D6678)
YUV	120.4970, -0.2450, 32.0131
Hunter-Lab	42.4581, 18.4093, 1.6653

Details

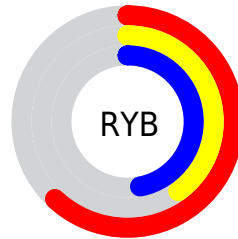
The Yxy color **18.0269, 0.3665, 0.2996** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8149, 0.2781, 0.3609**, and the grayscale version is **18.9449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2359, 0.3545, 0.3071**, and **6.0493, 0.3883, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **14.9861, 0.3895, 0.2912**, and if you desaturate by 10%, it is **21.6824, 0.3473, 0.3083**.

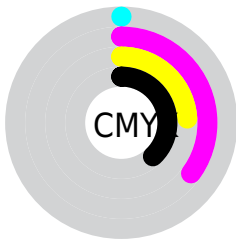
Distribution



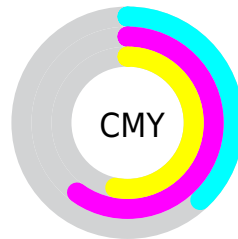
- Red (62%)
- Green (40%)
- Blue (47%)



- Red (62%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (38%)





- Cyan (38%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0269, 0.3665, 0.2996 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 18.0269, 0.3665, 0.2996 by changing the saturation by 10% instead.


 18.0269, 0.3665,
0.2996


 18.0269, 0.3665,
0.2996


241.0226, 0.3355,
0.3165


 10.9693, 0.3761,
0.2944


 40.0832, 0.3540,
0.3064


 6.0462, 0.3898,
0.2870


 55.8506, 0.3497,
0.3087

 2.8732, 0.4110,
0.2757

 75.2901, 0.3462,
0.3106

 1.0659, 0.4478,
0.2562

 98.7861, 0.3433,
0.3122

 0.0000, 0.9915,
0.0000

126.7230, 0.3409,
0.3135

 0.0000, 0.0000,
0.0000

159.4851, 0.3388,

0.3147

197.4568, 0.3370,
0.3157

■ 18.0269, 0.3665,
0.2996

■ 18.0269, 0.3665,
0.2996

■ 14.9861, 0.3895,
0.2912

■ 21.6824, 0.3473,
0.3083

■ 12.5234, 0.4166,
0.2838

■ 25.9813, 0.3314,
0.3169

■ 10.6022, 0.4474,
0.2783


■ 30.9538, 0.3184,
0.3251

■ 9.1808, 0.4810,
0.2758


■ 36.6273, 0.3077,
0.3327


■ 8.2111, 0.5154,
0.2776

■ 43.0276, 0.2990,
0.3398


 7.6323, 0.5478,
0.2839

 50.1794, 0.2918,
0.3462

 7.4148, 0.5632,
0.2876

 58.1061, 0.2858,
0.3522

 66.8300, 0.2809,
0.3575

 76.3726, 0.2768,
0.3625

Harmonies

Analogous

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



18.0269, 0.3191, 0.2707



18.0269, 0.3665, 0.2996



18.0269, 0.3997, 0.3361

Triad

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



18.0269, 0.3665, 0.2996



18.0269, 0.3479, 0.4153



18.0269, 0.2263, 0.2747

Complementary

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



18.0269, 0.3665, 0.2996



28.8149, 0.2781, 0.3609

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.



18.0269, 0.2326, 0.3118



18.0269, 0.3665, 0.2996



18.0269, 0.3009, 0.3993

Square

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



18.0269, 0.3665, 0.2996



18.0269, 0.3873, 0.4037



18.0269, 0.2591, 0.3590



18.0269, 0.2405, 0.2554

Rectangle

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



18.0269, 0.3665, 0.2996



18.0269, 0.4078, 0.3615



18.0269, 0.2591, 0.3590



18.0269, 0.2261, 0.2853

Sweetspot

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



18.0277, 0.3665, 0.2996



49.7835, 0.3261, 0.3201



17.3971, 0.2937, 0.2384



10.7181, 0.3278, 0.3191



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.



18.0277, 0.3665, 0.2996



27.9569, 0.3840, 0.2930



19.5345, 0.3881, 0.3444



6.6802, 0.3235, 0.3217



6.0252, 0.5611, 0.2865



0.1151, 0.4602, 0.2309

Inverse Universe

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



18.0277, 0.3665, 0.2996



27.9569, 0.3840, 0.2930



26.3960, 0.2623, 0.3128



6.6802, 0.3235, 0.3217



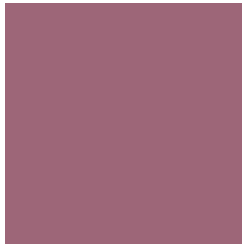
6.0252, 0.5611, 0.2865



0.1151, 0.4602, 0.2309

Previews

White Background



This preview shows how the Yxy color 18.0269, 0.3665, 0.2996 looks on a white background.

Color Contrast Check

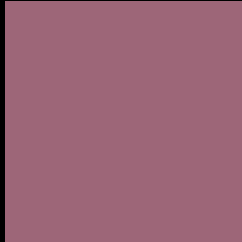
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0269, 0.3665, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

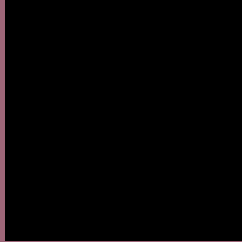
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0269, 0.3665, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 18.0269, 0.3665, 0.2996.



This preview shows how white text looks on a background with the Yxy color 18.0269, 0.3665, 0.2996.

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

18.0269, 0.3665, 0.2996

Protanopia

18.0895, 0.2989, 0.3062

Deuteranopia

18.0885, 0.3288, 0.3216



Tritanopia

17.9161, 0.3779, 0.3159

Trichromacy



Original Color

18.0269, 0.3665, 0.2996

Protanomaly

18.0002, 0.3218, 0.3036

Deuteranomaly

18.0592, 0.3419, 0.3131

Tritanomaly

17.9833, 0.3734, 0.3109

Monochromacy



Original Color

18.0269, 0.3665, 0.2996

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4834, 0.3303, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0269, 0.3665, 0.2996 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(157, 102, 120)` looks like.

```
.text, #text, p{  
    color:rgb(157, 102, 120)  
}
```

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(157, 102, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 102, 120) }
```

Border

The CSS property to change the border of an element to Yxy 18.0269, 0.3665, 0.2996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

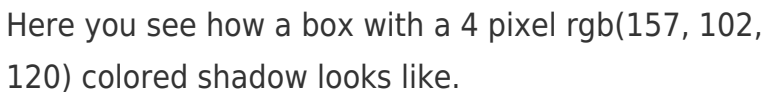
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 102, 120) }
```

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

```
.border{ border-color:rgb(157, 102, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 102, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 102, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 102, 120); box-shadow:4px 4px 4px 4px rgb(157, 102, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0269, 0.3665, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 102, 120) }
```

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

```
.background{ background-color: rgb(157,  
102, 120) }
```

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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