

Converting Colors

$Y_{xy}(18.4187, 0.3629, 0.2914)$

Have a look what the booklet for
Yxy(18.4187, 0.3629, 0.2914)
contains.

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Color

Yxy(18.4570, 0.3634, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	A0667D
RGB	160, 102, 125
RGB Percent	63%, 40%, 49%
CMY	0.3724, 0.6000, 0.5098
CMYK	0.00, 0.36, 0.22, 0.37
HSL	336°, 23%, 51%
HSV	336°, 36%, 63%
XYZ	22.9544, 18.4570, 21.7542
YIQ	121.9640, 27.1850, 19.4490

Conversions

Conversions Part 2

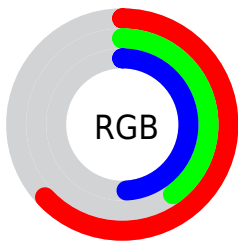
Format	Color
RYB	160, 102, 125
Decimal	10511997
CIELab	50.05, 26.69, -3.05
CIELCh	50, 26.865, 353.484
Yxy	18.4570, 0.3634, 0.2922
Android (android.graphics.Color)	4288702077 (0xFFA0667D)
YUV	121.9640, 1.4967, 33.3576
Hunter-Lab	42.9616, 20.1898, 0.0508

Details

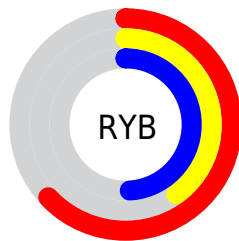
The Yxy color **18.4570, 0.3634, 0.2922** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7825, 0.2801, 0.3696**, and the grayscale version is **19.4386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9245, 0.3514, 0.3002**, and **6.2859, 0.3850, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **15.3756, 0.3842, 0.2821**, and if you desaturate by 10%, it is **22.1713, 0.3458, 0.3027**.

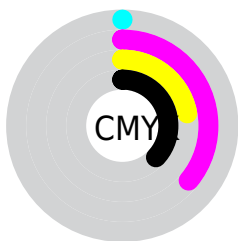
Distribution



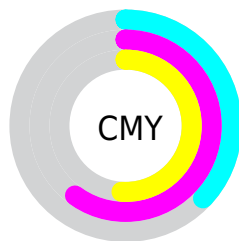
- Red (63%)
- Green (40%)
- Blue (49%)



- Red (63%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (37%)





- Cyan (37%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4570, 0.3634, 0.2922 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 18.4570, 0.3634, 0.2922 by changing the saturation by 10% instead.

 18.4570, 0.3634,
0.2922


 18.4570, 0.3634,
0.2922


243.4345, 0.3344,
0.3130


 11.2786, 0.3722,
0.2860


 40.8145, 0.3518,
0.3005


 6.2545, 0.3848,
0.2772


 56.7624, 0.3478,
0.3034

 3.0005, 0.4039,
0.2641

 76.4022, 0.3445,
0.3057

 1.1320, 0.4366,
0.2422

 100.1184, 0.3418,
0.3077

 0.0051, 0.7458,
0.0058

128.2953, 0.3395,
0.3093

 0.0000, 0.0000,
0.0000

161.3174, 0.3375,

0.3107

199.5690, 0.3359,
0.3120

■ 18.4570, 0.3634,
0.2922

■ 18.4570, 0.3634,
0.2922

■ 15.3756, 0.3842,
0.2821

■ 22.1713, 0.3458,
0.3027

■ 12.8888, 0.4085,
0.2731

■ 26.5487, 0.3312,
0.3131

■ 10.9581, 0.4360,
0.2664


■ 31.6209, 0.3192,
0.3231

■ 9.5392, 0.4658,
0.2631


■ 37.4165, 0.3092,
0.3324

■ 8.5811, 0.4964,
0.2642

■ 43.9625, 0.3011,
0.3411

 8.0120, 0.5258,
0.2703

 51.2846, 0.2943,
0.3491

 7.8404, 0.5366,
0.2730

 59.4074, 0.2888,
0.3564

 68.3541, 0.2841,
0.3631

 78.1472, 0.2803,
0.3692

Harmonies

Analogous

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



18.4570, 0.3116, 0.2633



18.4570, 0.3634, 0.2922



18.4570, 0.4025, 0.3301

Triad

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



18.4570, 0.3634, 0.2922



18.4570, 0.3573, 0.4217



18.4570, 0.2200, 0.2753

Complementary

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



18.4570, 0.3634, 0.2922



29.7825, 0.2801, 0.3696

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.



18.4570, 0.2300, 0.3174



18.4570, 0.3634, 0.2922



18.4570, 0.3072, 0.4095

Square

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



18.4570, 0.3634, 0.2922



18.4570, 0.3973, 0.4049



18.4570, 0.2609, 0.3689



18.4570, 0.2319, 0.2520

Rectangle

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



18.4570, 0.3634, 0.2922



18.4570, 0.4142, 0.3572



18.4570, 0.2609, 0.3689



18.4570, 0.2209, 0.2875

Sweetspot

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



18.4579, 0.3634, 0.2922



52.6794, 0.3248, 0.3182



17.3423, 0.2881, 0.2337



11.3021, 0.3264, 0.3170



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



18.4579, 0.3634, 0.2922



28.6337, 0.3811, 0.2835



19.1172, 0.3940, 0.3387



6.6875, 0.3225, 0.3202



6.1134, 0.5343, 0.2717



0.1174, 0.4379, 0.2186

Inverse Universe

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



18.4579, 0.3634, 0.2922



28.6337, 0.3811, 0.2835



28.5488, 0.2616, 0.3189



6.6875, 0.3225, 0.3202



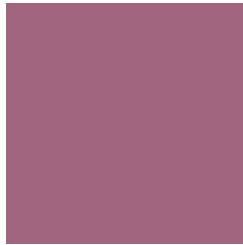
6.1134, 0.5343, 0.2717



0.1174, 0.4379, 0.2186

Previews

White Background



This preview shows how the Yxy color 18.4570, 0.3634, 0.2922 looks on a white background.

Color Contrast Check

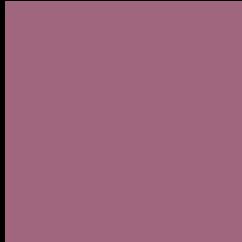
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 18.4570, 0.3634, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

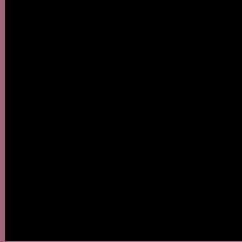
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4570, 0.3634, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 18.4570, 0.3634, 0.2922.



This preview shows how white text looks on a background with the Yxy color 18.4570, 0.3634, 0.2922.

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

18.4570, 0.3634, 0.2922

Protanopia

18.7248, 0.2924, 0.2991

Deuteranopia

18.6667, 0.3223, 0.3162



Tritanopia

18.4414, 0.3801, 0.3161

Trichromacy



Original Color

18.4570, 0.3634, 0.2922

Protanomaly

18.4355, 0.3168, 0.2968

Deuteranomaly

18.4868, 0.3364, 0.3063

Tritanomaly

18.3558, 0.3732, 0.3064

Monochromacy



Original Color

18.4570, 0.3634, 0.2922

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.9258, 0.3303, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4570, 0.3634, 0.2922 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(160, 102, 125)` looks like.

```
.text, #text, p{  
    color:rgb(160, 102, 125)  
}
```

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(160, 102, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 102, 125) }
```

Border

The CSS property to change the border of an element to Yxy 18.4570, 0.3634, 0.2922 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(160, 102, 125) }
```

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

```
.border{ border-color:rgb(160, 102, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 102, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 102, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 102, 125);  
box-shadow:4px 4px 4px 4px rgb(160, 102,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4570, 0.3634, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 102, 125) }
```

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

```
.background{ background-color: rgb(160,  
102, 125) }
```

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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