

Converting Colors

$Y_{xy}(16.4629, 0.3230, 0.3033)$

Have a look what the booklet for
Yxy(16.4629, 0.3230, 0.3033)
contains.

Yxy(16.4079, 0.3221, 0.3027)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.4079, 0.3221, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	7F6B79
RGB	127, 107, 121
RGB Percent	50%, 42%, 47%
CMY	0.5020, 0.5804, 0.5255
CMYK	0.00, 0.16, 0.05, 0.50
HSL	318°, 9%, 46%
HSV	318°, 16%, 50%
XYZ	17.4595, 16.4079, 20.3378
YIQ	114.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

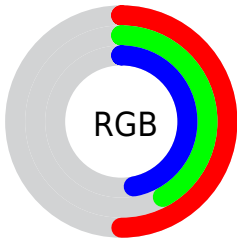
Format	Color
R_{YB}	127, 107, 121
Decimal	8350585
CIE Lab	47.51, 10.50, -4.83
CIE LCh	48, 11.559, 335.277
Yxy	16.4079, 0.3221, 0.3027
Android (android.graphics.Color)	4286540665 (0xFF7F6B79)
YUV	114.5760, 3.1670, 10.8958
Hunter-Lab	40.5067, 6.0517, -1.4139

Details

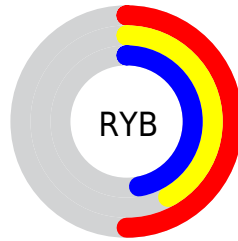
The Yxy color **16.4079, 0.3221, 0.3027** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4924, 0.3044, 0.3568**, and the grayscale version is **16.9980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1741, 0.3204, 0.3086**, and **5.3325, 0.3255, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **13.8607, 0.3294, 0.2853**, and if you desaturate by 10%, it is **19.3491, 0.3159, 0.3196**.

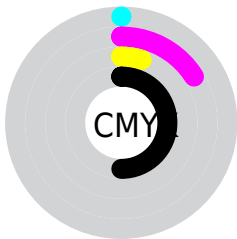
Distribution



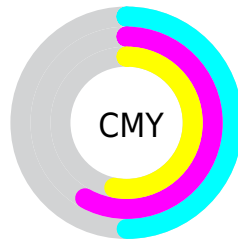
- Red (50%)
- Green (42%)
- Blue (47%)



- Red (50%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (50%)





- Cyan (50%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.4079, 0.3221, 0.3027 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 16.4079, 0.3221, 0.3027 by changing the saturation by 10% instead.


 16.4079, 0.3221,
0.3027


 16.4079, 0.3221,
0.3027


231.7368, 0.3167,
0.3179


 9.8133, 0.3237,
0.2980


 37.3049, 0.3199,
0.3088


 5.2753, 0.3261,
0.2913

 52.3760, 0.3192,
0.3109

 2.4097, 0.3297,
0.2810

 71.0415, 0.3186,
0.3126

 0.8309, 0.3359,
0.2626

 93.6856, 0.3181,
0.3140

 0.0000, 0.0000,
0.0000

120.6928, 0.3177,
0.3152

152.4474, 0.3173,

0.3162

189.3340, 0.3170,
0.3171

■ 16.4079, 0.3221,
0.3027

■ 16.4079, 0.3221,
0.3027

■ 13.8607, 0.3294,
0.2853

■ 19.3491, 0.3159,
0.3196

■ 11.6885, 0.3377,
0.2678

■ 22.6979, 0.3106,
0.3358

■ 9.8737, 0.3472,
0.2508

■ 26.4703, 0.3061,
0.3510

■ 8.3967, 0.3576,
0.2352

■ 30.6803, 0.3023,
0.3651

■ 7.2358, 0.3690,
0.2219

■ 35.3416, 0.2991,
0.3782

■ 6.3671, 0.3810,
0.2119

■ 40.4671, 0.2964,
0.3902

■ 5.7628, 0.3933,
0.2059

■ 46.0694, 0.2942,
0.4013

■ 5.3770, 0.4054,
0.2041

■ 52.1604, 0.2924,
0.4114

■ 5.2317, 0.4108,
0.2037

■ 58.7517, 0.2908,
0.4207

Harmonies

Analogous

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



16.4079, 0.2990, 0.2927



16.4079, 0.3221, 0.3027



16.4079, 0.3433, 0.3192

Triad

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



16.4079, 0.3221, 0.3027



16.4079, 0.3454, 0.3677



16.4079, 0.2711, 0.3169

Complementary

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



16.4079, 0.3221, 0.3027



19.4924, 0.3044, 0.3568

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.



16.4079, 0.2826, 0.3382



16.4079, 0.3221, 0.3027



16.4079, 0.3253, 0.3685

Square

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



16.4079, 0.3221, 0.3027



16.4079, 0.3569, 0.3563



16.4079, 0.3023, 0.3576



16.4079, 0.2702, 0.2999

Rectangle

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



16.4079, 0.3221, 0.3027



16.4079, 0.3531, 0.3320



16.4079, 0.3023, 0.3576



16.4079, 0.2738, 0.3238

Sweetspot

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



16.4086, 0.3221, 0.3027



35.0048, 0.3155, 0.3207



15.5379, 0.2957, 0.2897



8.1173, 0.3159, 0.3197



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



16.4086, 0.3221, 0.3027



27.6129, 0.3247, 0.2962



16.1831, 0.3349, 0.3208



4.3912, 0.3179, 0.3140



5.2777, 0.4109, 0.2037



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4086, 0.3221, 0.3027



27.6129, 0.3247, 0.2962



19.7219, 0.2943, 0.3374



4.3912, 0.3179, 0.3140



5.2777, 0.4109, 0.2037



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 16.4079, 0.3221, 0.3027 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 16.4079, 0.3221, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

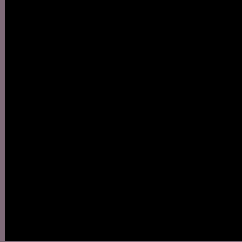
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.4079, 0.3221, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 16.4079, 0.3221, 0.3027.



This preview shows how white text looks on a background with the Yxy color 16.4079, 0.3221, 0.3027.

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

16.4079, 0.3221, 0.3027

Protanopia

16.4231, 0.2971, 0.3052

Deuteranopia

16.5254, 0.3124, 0.3078



Tritanopia

16.4217, 0.3271, 0.3138

Trichromacy



Original Color

16.4079, 0.3221, 0.3027

Protanomaly

16.3638, 0.3060, 0.3037

Deuteranomaly

16.5287, 0.3165, 0.3061

Tritanomaly

16.4687, 0.3245, 0.3101

Monochromacy



Original Color

16.4079, 0.3221, 0.3027

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.7946, 0.3158, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.4079, 0.3221, 0.3027 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(127, 107, 121)` looks like.

```
.text, #text, p{  
    color:rgb(127, 107, 121)  
}
```

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(127, 107, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 107, 121) }
```

Border

The CSS property to change the border of an element to Yxy 16.4079, 0.3221, 0.3027 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(127, 107, 121) }
```

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

```
.border{ border-color:rgb(127, 107, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 107, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 107, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 107, 121);  
box-shadow:4px 4px 4px 4px rgb(127, 107,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 16.4079, 0.3221, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 107, 121) }
```

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

```
.background{ background-color: rgb(127,  
107, 121) }
```

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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