

Converting Colors

$Y_{xy}(16.6661, 0.3095, 0.2849)$

Have a look what the booklet for
Yxy(16.6661, 0.3095, 0.2849)
contains.

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Color

$Y_{xy}(16.6661, 0.3095, 0.2849)$

Conversions

Conversions Part 1	
Format	Color
Hex	7F6B83
RGB	127, 107, 131
RGB Percent	50%, 42%, 51%
CMY	0.5020, 0.5804, 0.4864
CMYK	0.03, 0.18, 0.00, 0.49
HSL	290°, 10%, 47%
HSV	290°, 18%, 51%
XYZ	18.1052, 16.6661, 23.7268
YIQ	115.7160, 4.2160, 11.7040

Conversions

Conversions Part 2

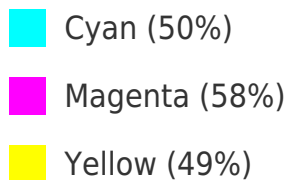
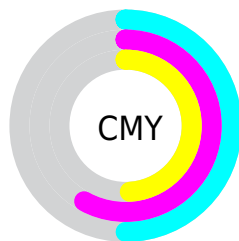
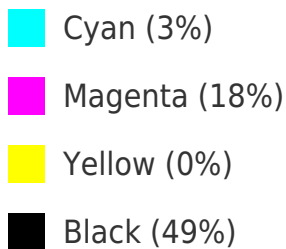
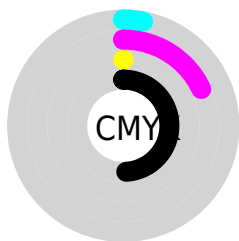
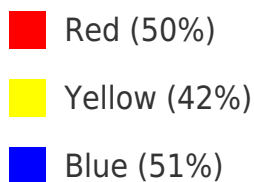
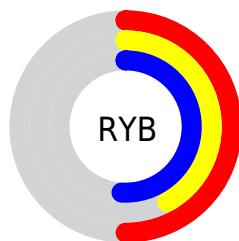
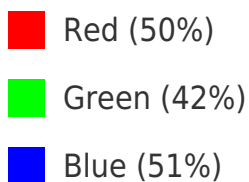
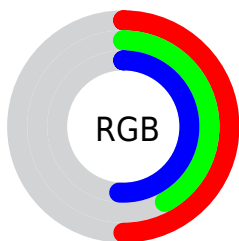
Format	Color
RYB	127, 107, 131
Decimal	8350595
CIELab	47.84, 12.53, -10.29
CIELCh	48, 16.216, 320.612
Yxy	16.6661, 0.3095, 0.2849
Android (android.graphics.Color)	4286540675 (0xFF7F6B83)
YUV	115.7160, 7.5350, 9.8961
Hunter-Lab	40.8241, 7.7210, -5.8822

Details

The Yxy color $16.6661, 0.3095, 0.2849$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $20.6666, 0.3151, 0.3759$, and the grayscale version is $17.3492, 0.3127, 0.3290$.

A 20% lighter version of the original color is $37.6177, 0.3106, 0.2943$, and $5.4606, 0.3072, 0.2671$ is the 20% darker color. If you saturate the color by 10%, you get $13.9741, 0.3072, 0.2598$, and if you desaturate by 10%, it is $19.7769, 0.3114, 0.3094$.


Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 16.6661, 0.3095, 0.2849 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 16.6661, 0.3095, 0.2849 by changing the saturation by 10% instead.


 16.6661, 0.3095,
0.2849


 16.6661, 0.3095,
0.2849


233.2408, 0.3117,
0.3100


 9.9967, 0.3087,
0.2774


 37.7508, 0.3105,
0.2949


 5.3968, 0.3074,
0.2667


 52.9349, 0.3108,
0.2984

 2.4819, 0.3051,
0.2506


 71.7260, 0.3110,
0.3012

 0.8676, 0.3003,
0.2236

 94.5085, 0.3112,
0.3035

 0.0000, 0.1458,
0.0000


121.6669, 0.3113,
0.3055


 0.0000, 0.0000,
0.0000


153.5855, 0.3115,


0.3072


190.6486, 0.3116,
0.3087


 16.6661, 0.3095,
0.2849


 16.6661, 0.3095,
0.2849


 13.9741, 0.3072,
0.2598


 19.7769, 0.3114,
0.3094


 11.6801, 0.3044,
0.2348


 23.3216, 0.3130,
0.3329

 9.7649, 0.3012,
0.2107


 27.3175, 0.3141,
0.3550


 8.2068, 0.2976,
0.1885


 31.7801, 0.3151,
0.3755


 6.9817, 0.2937,
0.1691


 36.7242, 0.3157,
0.3943

 6.0629, 0.2896,
0.1533


 42.1639, 0.3162,
0.4116

 5.4191, 0.2854,
0.1416

 48.1129, 0.3164,
0.4272

 4.9760, 0.2812,
0.1332

 54.5840, 0.3166,
0.4413

 4.9041, 0.2804,
0.1318

 61.5900, 0.3166,
0.4541

Harmonies

Analogous

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



16.6661, 0.2796, 0.2766



16.6661, 0.3095, 0.2849



16.6661, 0.3417, 0.3035

Triad

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



16.6661, 0.3095, 0.2849



16.6661, 0.3680, 0.3762



16.6661, 0.2612, 0.3259

Complementary

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



16.6661, 0.3095, 0.2849



20.6666, 0.3151, 0.3759

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.



16.6661, 0.2830, 0.3563



16.6661, 0.3095, 0.2849



16.6661, 0.3446, 0.3861

Square

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



16.6661, 0.3095, 0.2849



16.6661, 0.3765, 0.3548



16.6661, 0.3133, 0.3791



16.6661, 0.2529, 0.2983

Rectangle

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



16.6661, 0.3095, 0.2849



16.6661, 0.3598, 0.3197



16.6661, 0.3133, 0.3791



16.6661, 0.2672, 0.3362

Sweetspot

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



16.6668, 0.3095, 0.2849



37.3666, 0.3119, 0.3170



16.1337, 0.2843, 0.2895



8.6131, 0.3118, 0.3156



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



16.6668, 0.3095, 0.2849



27.7393, 0.3086, 0.2744



16.7701, 0.3250, 0.2996



4.7248, 0.3113, 0.3074



4.8302, 0.2805, 0.1319



0.0193, 0.3013, 0.1434

Inverse Universe

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



16.4877, 0.3410, 0.3216



27.3671, 0.3492, 0.3198



20.5903, 0.3022, 0.3603



4.7004, 0.3255, 0.3254



4.8061, 0.6101, 0.3134



0.0174, 0.5241, 0.2661

Previews

White Background



This preview shows how the Yxy color 16.6661, 0.3095, 0.2849 looks on a white background.

Color Contrast Check

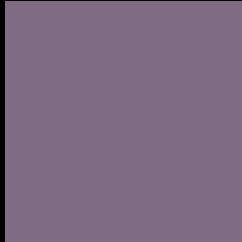
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6661, 0.3095, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

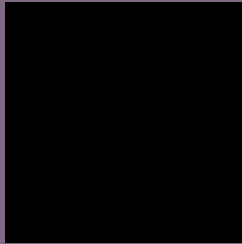
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.6661, 0.3095, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 16.6661, 0.3095, 0.2849.



This preview shows how white text looks on a background with the Yxy color 16.6661, 0.3095, 0.2849.

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

16.6661, 0.3095, 0.2849

Protanopia

16.8107, 0.2826, 0.2864

Deuteranopia

16.7625, 0.2977, 0.2927



Tritanopia

16.6053, 0.3230, 0.3119

Trichromacy



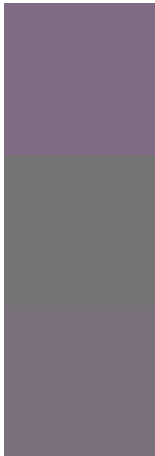
Original Color
16.6661, 0.3095, 0.2849

Protanomaly
16.8031, 0.2919, 0.2854

Deuteranomaly
16.8285, 0.3028, 0.2913

Tritanomaly
16.5908, 0.3181, 0.3008

Monochromacy



Original Color
16.6661, 0.3095, 0.2849

Achromatopsia
17.4647, 0.3127, 0.3290

Achromatomaly
17.1838, 0.3121, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6661, 0.3095, 0.2849 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, 131) looks like.

```
.text, #text, p{  
    color:rgb(127, 107, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 107, 131) }
```

Border

The CSS property to change the border of an element to Yxy 16.6661, 0.3095, 0.2849 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, 131) }
```

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

```
.border{ border-color:rgb(127, 107, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 107, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 107, 131);  
box-shadow:4px 4px 4px 4px rgb(127, 107,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6661, 0.3095, 0.2849 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, 131) }
```

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

```
.background{ background-color: rgb(127,  
107, 131) }
```

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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