

Converting Colors

$Y_{xy}(17.0032, 0.3166, 0.2185)$

Have a look what the booklet for
Yxy(17.0032, 0.3166, 0.2185)
contains.

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Color

Yxy(17.0021, 0.3166, 0.2185)

Conversions

Conversions Part 1

Format	Color
Hex	A157A2
RGB	161, 87, 162
RGB Percent	63%, 34%, 64%
CMY	0.3685, 0.6589, 0.3646
CMYK	0.01, 0.46, 0.00, 0.36
HSL	299°, 30%, 49%
HSV	299°, 46%, 64%
XYZ	24.6355, 17.0021, 36.1752
YIQ	117.6760, 20.0290, 39.0130

Conversions

Conversions Part 2

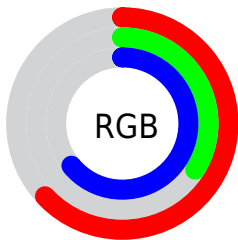
Format	Color
R_{YB}	161, 87, 162
Decimal	10573730
CIE _{Lab}	48.26, 41.80, -27.72
CIE _{LCh}	48, 50.158, 326.447
Yxy	17.0021, 0.3166, 0.2185
Android (android.graphics.Color)	4288763810 (0xFFA157A2)
YUV	117.6760, 21.8517, 37.9951
Hunter-Lab	41.2336, 34.4883, -23.1529

Details

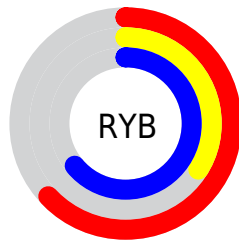
The Yxy color **17.0021, 0.3166, 0.2185** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.6079, 0.3069, 0.4704**, and the grayscale version is **17.9355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2267, 0.3169, 0.2405**, and **5.5133, 0.3134, 0.1817** is the 20% darker color. If you saturate the color by 10%, you get **14.6464, 0.3172, 0.1983**, and if you desaturate by 10%, it is **19.9481, 0.3159, 0.2411**.

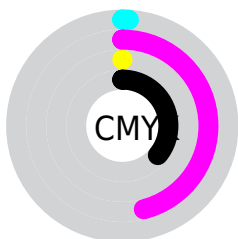
Distribution



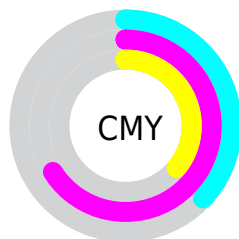
- Red (63%)
- Green (34%)
- Blue (64%)



- Red (63%)
- Yellow (34%)
- Blue (64%)



- Cyan (1%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)





- Cyan (37%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0021, 0.3166, 0.2185 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 17.0021, 0.3166, 0.2185 by changing the saturation by 10% instead.

 17.0021, 0.3166,
0.2185


 17.0021, 0.3166,
0.2185


235.1845, 0.3164,
0.2772


 10.2360, 0.3158,
0.2029


 38.3294, 0.3171,
0.2406


 5.5557, 0.3142,
0.1825


 53.6593, 0.3171,
0.2487

 2.5769, 0.3107,
0.1548

 72.6127, 0.3170,
0.2554

 0.9150, 0.3027,
0.1161

 95.5739, 0.3169,
0.2611

 0.0000, 0.3006,
0.0000

 122.9273, 0.3168,
0.2660

 0.0000, 0.0000,
0.0000

155.0572, 0.3166,

0.2702

192.3482, 0.3165,
0.2739

■ 17.0021, 0.3166,
0.2185

■ 17.0021, 0.3166,
0.2185

■ 14.6464, 0.3172,
0.1983

■ 19.9481, 0.3159,
0.2411

■ 12.8387, 0.3176,
0.1813

■ 23.5183, 0.3151,
0.2650

■ 11.5351, 0.3178,
0.1681


■ 27.7467, 0.3142,
0.2896


■ 10.6837, 0.3179,
0.1591


■ 32.6642, 0.3133,
0.3140


■ 10.2112, 0.3178,
0.1539

■ 38.2999, 0.3124,
0.3376

 10.0738, 0.3177,
0.1524

 44.6809, 0.3115,
0.3600

 51.8333, 0.3107,
0.3809

 59.7815, 0.3099,
0.4003

 68.5493, 0.3091,
0.4180

Harmonies

Analogous

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



17.0021, 0.2297, 0.1915



17.0021, 0.3166, 0.2185



17.0021, 0.4175, 0.2668

Triad

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



17.0021, 0.3166, 0.2185



17.0021, 0.4546, 0.4625



17.0021, 0.1621, 0.2900

Complementary

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



17.0021, 0.3166, 0.2185



28.6079, 0.3069, 0.4704

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.



17.0021, 0.2072, 0.3964



17.0021, 0.3166, 0.2185



17.0021, 0.3754, 0.5082

Square

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



17.0021, 0.3166, 0.2185



17.0021, 0.5005, 0.3955



17.0021, 0.2851, 0.4900



17.0021, 0.1527, 0.2204

Rectangle

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



17.0021, 0.3166, 0.2185



17.0021, 0.4716, 0.3069



17.0021, 0.2851, 0.4900



17.0021, 0.1730, 0.3226

Sweetspot

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



17.0029, 0.3166, 0.2185



52.0874, 0.3140, 0.2946



11.6504, 0.2277, 0.1900



11.3079, 0.3142, 0.2896



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



17.0029, 0.3166, 0.2185



26.3040, 0.3172, 0.1969



15.9953, 0.3699, 0.2682



7.1975, 0.3136, 0.3068



7.9357, 0.3177, 0.1524



0.1681, 0.3190, 0.1531

Inverse Universe

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



15.1992, 0.4329, 0.3278



22.6161, 0.4785, 0.3277



29.3091, 0.2795, 0.4007



7.0874, 0.3283, 0.3288



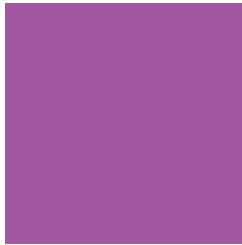
6.0557, 0.6382, 0.3290



0.1277, 0.6295, 0.3242

Previews

White Background



This preview shows how the Yxy color 17.0021, 0.3166, 0.2185 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 17.0021, 0.3166, 0.2185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

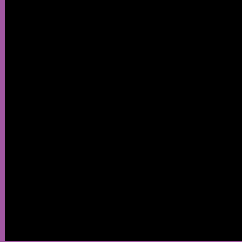
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0021, 0.3166, 0.2185

Background



This preview shows how black text looks on a background with the Yxy color 17.0021, 0.3166, 0.2185.



This preview shows how white text looks on a background with the Yxy color 17.0021, 0.3166, 0.2185.

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

17.0021, 0.3166, 0.2185

Protanopia

17.3039, 0.2228, 0.2086

Deuteranopia

17.2937, 0.2541, 0.2500



Tritanopia

17.0459, 0.3824, 0.3174

Trichromacy



Original Color

17.0021, 0.3166, 0.2185

Protanomaly

16.6406, 0.2497, 0.2103

Deuteranomaly

16.6148, 0.2730, 0.2341

Tritanomaly

16.8848, 0.3584, 0.2773

Monochromacy



Original Color

17.0021, 0.3166, 0.2185

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3050, 0.3150, 0.2811

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0021, 0.3166, 0.2185 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(161, 87, 162)` looks like.

```
.text, #text, p{  
    color:rgb(161, 87, 162)  
}
```

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(161, 87, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 87, 162) }
```

Border

The CSS property to change the border of an element to Yxy 17.0021, 0.3166, 0.2185 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(161, 87, 162) }
```

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

```
.border{ border-color:rgb(161, 87, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 87, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 87, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 87, 162);  
box-shadow:4px 4px 4px 4px rgb(161, 87,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0021, 0.3166, 0.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 87, 162) }
```

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

```
.background{ background-color: rgb(161, 87,  
162) }
```

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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