

Converting Colors

$Y_{xy}(17.4630, 0.2984, 0.2128)$

Have a look what the booklet for
Yxy(17.4630, 0.2984, 0.2128)
contains.

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Color

Yxy(17.4266, 0.2979, 0.2127)

Conversions

Conversions Part 1

Format	Color
Hex	9A5CAA
RGB	154, 92, 170
RGB Percent	60%, 36%, 67%
CMY	0.3961, 0.6392, 0.3334
CMYK	0.09, 0.46, 0.00, 0.33
HSL	288°, 31%, 51%
HSV	288°, 46%, 67%
XYZ	24.4071, 17.4266, 40.0967
YIQ	119.4300, 11.9140, 37.4020

Conversions

Conversions Part 2

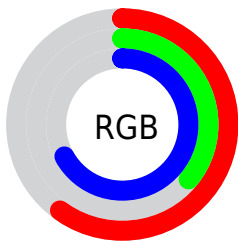
Format	Color
R_{YB}	154, 92, 170
Decimal	10116266
CIE _{Lab}	48.79, 38.53, -31.64
CIE _{LCh}	49, 49.855, 320.602
Yxy	17.4266, 0.2979, 0.2127
Android (android.graphics.Color)	4288306346 (0xFF9A5CAA)
YUV	119.4300, 24.9310, 30.3179
Hunter-Lab	41.7452, 31.3092, -27.7271

Details

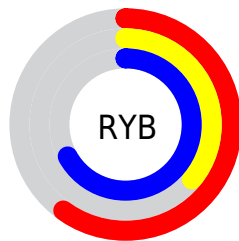
The Yxy color **17.4266, 0.2979, 0.2127** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **32.7021, 0.3192, 0.4642**, and the grayscale version is **18.5085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1391, 0.3024, 0.2354**, and **5.7788, 0.2890, 0.1769** is the 20% darker color. If you saturate the color by 10%, you get **14.4682, 0.2932, 0.1890**, and if you desaturate by 10%, it is **21.0572, 0.3021, 0.2381**.

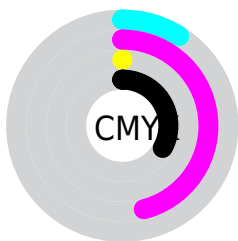
Distribution



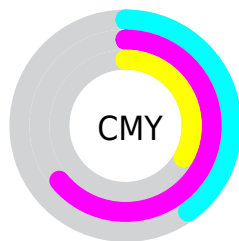
- Red (60%)
- Green (36%)
- Blue (67%)



- Red (60%)
- Yellow (36%)
- Blue (67%)



- Cyan (9%)
- Magenta (46%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4266, 0.2979, 0.2127 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 17.4266, 0.2979, 0.2127 by changing the saturation by 10% instead.

■ 17.4266, 0.2979,
0.2127

■ 17.4266, 0.2979,
0.2127

237.6189, 0.3083,
0.2741

■ 10.5391, 0.2941,
0.1966

■ 39.0578, 0.3025,
0.2356

■ 5.7578, 0.2883,
0.1757

■ 54.5703, 0.3040,
0.2441

■ 2.6984, 0.2789,
0.1478

■ 73.7266, 0.3051,
0.2511

■ 0.9764, 0.2621,
0.1095

■ 96.9111, 0.3060,
0.2571

■ 0.0000, 0.2426,
0.0000

124.5082, 0.3068,
0.2623

■ 0.0000, 0.0000,
0.0000

156.9023, 0.3074,

0.2667

194.4777, 0.3079,
0.2706

■ 17.4266, 0.2979,
0.2127

■ 17.4266, 0.2979,
0.2127

■ 14.4682, 0.2932,
0.1890

■ 21.0572, 0.3021,
0.2381

■ 12.1348, 0.2881,
0.1681

■ 25.3983, 0.3058,
0.2641

■ 10.3769, 0.2828,
0.1507

■ 30.4881, 0.3089,
0.2899

■ 9.1363, 0.2774,
0.1377

■ 36.3613, 0.3114,
0.3149

■ 8.3366, 0.2720,
0.1290

■ 43.0506, 0.3135,
0.3386

■ 8.0638, 0.2698,
0.1260

■ 50.5867, 0.3152,
0.3607

■ 58.9985, 0.3165,
0.3811

■ 68.3140, 0.3174,
0.3997

■ 78.5595, 0.3182,
0.4166

Harmonies

Analogous

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



17.4266, 0.2176, 0.1907



17.4266, 0.2979, 0.2127



17.4266, 0.3974, 0.2570

Triad

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



17.4266, 0.2979, 0.2127



17.4266, 0.4652, 0.4490



17.4266, 0.1697, 0.3090

Complementary

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



17.4266, 0.2979, 0.2127



32.7021, 0.3192, 0.4642

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.



17.4266, 0.2215, 0.4168



17.4266, 0.2979, 0.2127



17.4266, 0.3917, 0.5007

Square

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



17.4266, 0.2979, 0.2127



17.4266, 0.5010, 0.3820



17.4266, 0.3030, 0.4976



17.4266, 0.1537, 0.2320

Rectangle

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



17.4266, 0.2979, 0.2127



17.4266, 0.4559, 0.2954



17.4266, 0.3030, 0.4976



17.4266, 0.1829, 0.3434

Sweetspot

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



17.4273, 0.2979, 0.2127



56.9568, 0.3093, 0.2940



16.0940, 0.2332, 0.2191



12.2315, 0.3087, 0.2887



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



17.4273, 0.2979, 0.2127



26.1968, 0.2932, 0.1887



18.3343, 0.3468, 0.2470



7.5878, 0.3106, 0.3065



5.9575, 0.2704, 0.1263



0.1640, 0.2881, 0.1361

Inverse Universe

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



17.2823, 0.4076, 0.3048



26.0648, 0.4417, 0.3005



32.2346, 0.2907, 0.4293



7.5665, 0.3255, 0.3244



6.3819, 0.6023, 0.3092



0.1621, 0.5186, 0.2631

Previews

White Background



This preview shows how the Yxy color 17.4266, 0.2979, 0.2127 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 17.4266, 0.2979, 0.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

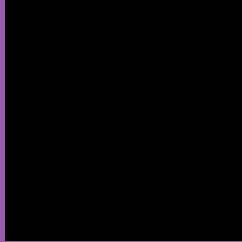
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4266, 0.2979, 0.2127

Background



This preview shows how black text looks on a background with the Yxy color 17.4266, 0.2979, 0.2127.



This preview shows how white text looks on a background with the Yxy color 17.4266, 0.2979, 0.2127.

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

17.4266, 0.2979, 0.2127

Protanopia

17.7350, 0.2188, 0.2029

Deuteranopia

17.6113, 0.2433, 0.2374



Tritanopia

17.4064, 0.3601, 0.3152

Trichromacy



Original Color

17.4266, 0.2979, 0.2127

Protanomaly

17.0650, 0.2408, 0.2039

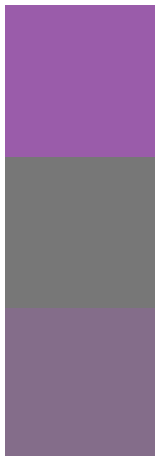
Deuteranomaly

17.1570, 0.2603, 0.2267

Tritanomaly

17.2251, 0.3361, 0.2724

Monochromacy



Original Color

17.4266, 0.2979, 0.2127

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6778, 0.3074, 0.2776

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4266, 0.2979, 0.2127 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(154, 92, 170)` looks like.

```
.text, #text, p{  
    color:rgb(154, 92, 170)  
}
```

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(154, 92, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 92, 170) }
```

Border

The CSS property to change the border of an element to Yxy 17.4266, 0.2979, 0.2127 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(154, 92, 170) }
```

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

```
.border{ border-color:rgb(154, 92, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 92, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 92, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 92, 170);  
box-shadow:4px 4px 4px 4px rgb(154, 92,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4266, 0.2979, 0.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 92, 170) }
```

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

```
.background{ background-color: rgb(154, 92,  
170) }
```

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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