

Converting Colors

$Y_{xy}(17.0613, 0.3251, 0.2485)$

Have a look what the booklet for
Yxy(17.0613, 0.3251, 0.2485)
contains.

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Color

Yxy(17.1165, 0.3246, 0.2489)

Conversions

Conversions Part 1

Format	Color
Hex	986092
RGB	152, 96, 146
RGB Percent	60%, 38%, 57%
CMY	0.4039, 0.6235, 0.4274
CMYK	0.00, 0.37, 0.04, 0.40
HSL	306°, 23%, 49%
HSV	306°, 37%, 60%
XYZ	22.3223, 17.1165, 29.3298
YIQ	118.4440, 17.3260, 27.4220

Conversions

Conversions Part 2

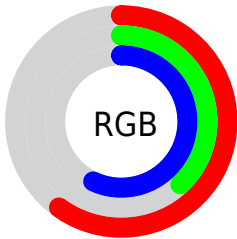
Format	Color
R_{YB}	152, 96, 146
Decimal	9986194
CIE _{Lab}	48.41, 30.87, -18.12
CIE _{LCh}	48, 35.797, 329.591
Yxy	17.1165, 0.3246, 0.2489
Android (android.graphics.Color)	4288176274 (0xFF986092)
YUV	118.4440, 13.5851, 29.4286
Hunter-Lab	41.3721, 23.9084, -13.0718

Details

The Yxy color **17.1165, 0.3246, 0.2489** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.9045, 0.3027, 0.4250**, and the grayscale version is **18.2163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6153, 0.3224, 0.2663**, and **5.6495, 0.3285, 0.2215** is the 20% darker color. If you saturate the color by 10%, you get **14.5565, 0.3285, 0.2283**, and if you desaturate by 10%, it is **20.2151, 0.3209, 0.2706**.

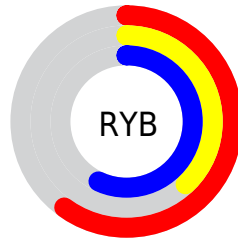
Distribution



Red (60%)

Green (38%)

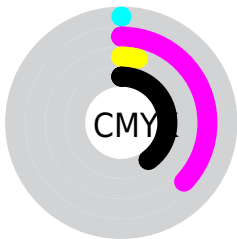
Blue (57%)



Red (60%)

Yellow (38%)

Blue (57%)

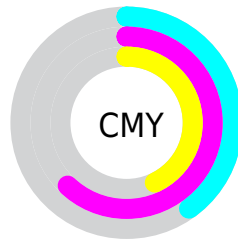


Cyan (0%)

Magenta (37%)

Yellow (4%)

Black (40%)



Cyan (40%)


Magenta (62%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1165, 0.3246, 0.2489 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 17.1165, 0.3246, 0.2489 by changing the saturation by 10% instead.


 17.1165, 0.3246,
0.2489


 17.1165, 0.3246,
0.2489


235.8428, 0.3188,
0.2928


 10.3176, 0.3259,
0.2366


 38.5260, 0.3226,
0.2658


 5.6100, 0.3273,
0.2199


 53.9053, 0.3218,
0.2719

 2.6094, 0.3288,
0.1961

 72.9136, 0.3211,
0.2769

 0.9314, 0.3294,
0.1601

 95.9352, 0.3205,
0.2811

 0.0000, 0.3519,
0.0000

123.3545, 0.3200,
0.2847

 0.0000, 0.0000,
0.0000

155.5560, 0.3196,

0.2877

192.9240, 0.3192,
0.2904

■ 17.1165, 0.3246,
0.2489

■ 17.1165, 0.3246,
0.2489

■ 14.5565, 0.3285,
0.2283

■ 20.2151, 0.3209,
0.2706

■ 12.5017, 0.3326,
0.2098

■ 23.8785, 0.3176,
0.2927

■ 10.9187, 0.3367,
0.1942

■ 28.1340, 0.3146,
0.3145

■ 9.7690, 0.3407,
0.1823

■ 33.0064, 0.3119,
0.3355

■ 9.0082, 0.3446,
0.1746

■ 38.5193, 0.3096,
0.3554

■ 8.5655, 0.3482,
0.1708

■ 44.6947, 0.3075,
0.3741

■ 8.4469, 0.3493,
0.1698

■ 51.5539, 0.3058,
0.3913

■ 59.1170, 0.3043,
0.4072

■ 67.4034, 0.3030,
0.4217

Harmonies

Analogous

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



17.1165, 0.2583, 0.2258



17.1165, 0.3246, 0.2489



17.1165, 0.3948, 0.2887

Triad

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



17.1165, 0.3246, 0.2489



17.1165, 0.4159, 0.4363



17.1165, 0.1979, 0.2975

Complementary

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



17.1165, 0.3246, 0.2489



25.9045, 0.3027, 0.4250

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.



17.1165, 0.2318, 0.3691



17.1165, 0.3246, 0.2489



17.1165, 0.3569, 0.4574

Square

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



17.1165, 0.3246, 0.2489



17.1165, 0.4490, 0.3908



17.1165, 0.2895, 0.4338



17.1165, 0.1917, 0.2470

Rectangle

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



17.1165, 0.3246, 0.2489



17.1165, 0.4306, 0.3212



17.1165, 0.2895, 0.4338



17.1165, 0.2062, 0.3199

Sweetspot

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



17.1173, 0.3246, 0.2489



46.2430, 0.3159, 0.3051



13.4337, 0.2538, 0.2231



10.3004, 0.3162, 0.3024



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



17.1173, 0.3246, 0.2489



26.5180, 0.3277, 0.2323



16.3588, 0.3639, 0.2914



6.3123, 0.3153, 0.3094



7.0845, 0.3491, 0.1697



0.1087, 0.3351, 0.1620

Inverse Universe

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



17.1173, 0.3246, 0.2489



26.5180, 0.3277, 0.2323



26.5466, 0.2799, 0.3705



6.3123, 0.3153, 0.3094



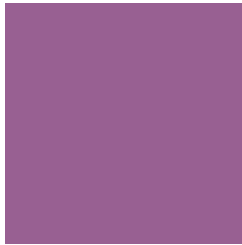
7.0845, 0.3491, 0.1697



0.1087, 0.3351, 0.1620

Previews

White Background



This preview shows how the Yxy color 17.1165, 0.3246, 0.2489 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 17.1165, 0.3246, 0.2489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

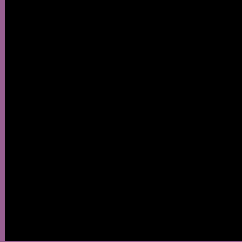
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1165, 0.3246, 0.2489

Background



This preview shows how black text looks on a background with the Yxy color 17.1165, 0.3246, 0.2489.



This preview shows how white text looks on a background with the Yxy color 17.1165, 0.3246, 0.2489.

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

17.1165, 0.3246, 0.2489

Protanopia

17.3626, 0.2524, 0.2469

Deuteranopia

17.2382, 0.2777, 0.2729



Tritanopia

17.1441, 0.3666, 0.3153

Trichromacy



Original Color

17.1165, 0.3246, 0.2489

Protanomaly

16.8416, 0.2750, 0.2458

Deuteranomaly

17.0410, 0.2941, 0.2632

Tritanomaly

16.9591, 0.3501, 0.2884

Monochromacy



Original Color

17.1165, 0.3246, 0.2489

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4562, 0.3169, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1165, 0.3246, 0.2489 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(152, 96, 146)` looks like.

```
.text, #text, p{  
    color:rgb(152, 96, 146)  
}
```

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(152, 96, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 96, 146) }
```

Border

The CSS property to change the border of an element to Yxy 17.1165, 0.3246, 0.2489 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(152, 96, 146) }
```

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

```
.border{ border-color:rgb(152, 96, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 96, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 96, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 96, 146);  
box-shadow:4px 4px 4px 4px rgb(152, 96,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1165, 0.3246, 0.2489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 96, 146) }
```

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

```
.background{ background-color: rgb(152, 96,  
146) }
```

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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