

Converting Colors

$Y_{xy}(17.3577, 0.3164, 0.2494)$

Have a look what the booklet for
Yxy(17.3577, 0.3164, 0.2494)
contains.

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Color

Yxy(17.3577, 0.3164, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	946394
RGB	148, 99, 148
RGB Percent	58%, 39%, 58%
CMY	0.4196, 0.6118, 0.4195
CMYK	0.00, 0.33, 0.00, 0.42
HSL	300°, 20%, 48%
HSV	300°, 33%, 58%
XYZ	22.0208, 17.3577, 30.2194
YIQ	119.2370, 13.4750, 25.6270

Conversions

Conversions Part 2

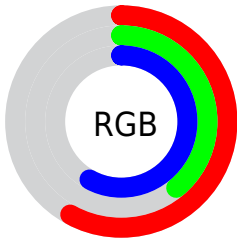
Format	Color
R_{YB}	148, 99, 148
Decimal	9724820
CIE _{Lab}	48.71, 28.18, -18.89
CIE _{LCh}	49, 33.927, 326.159
Yxy	17.3577, 0.3164, 0.2494
Android (android.graphics.Color)	4287914900 (0xFF946394)
YUV	119.2370, 14.1802, 25.2252
Hunter-Lab	41.6626, 21.4367, -13.8414

Details

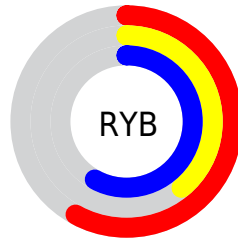
The Yxy color **17.3577, 0.3164, 0.2494** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.7454, 0.3083, 0.4239**, and the grayscale version is **18.4784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0940, 0.3166, 0.2670**, and **5.7175, 0.3157, 0.2210** is the 20% darker color. If you saturate the color by 10%, you get **14.8049, 0.3175, 0.2266**, and if you desaturate by 10%, it is **20.4262, 0.3153, 0.2734**.

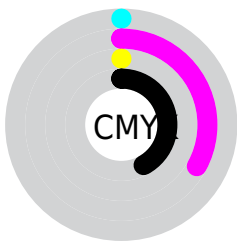
Distribution



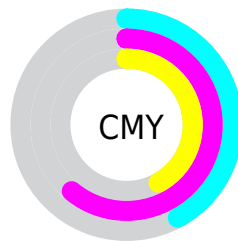
- Red (58%)
- Green (39%)
- Blue (58%)



- Red (58%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (42%)




- Cyan (42%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3577, 0.3164, 0.2494 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 17.3577, 0.3164, 0.2494 by changing the saturation by 10% instead.


 17.3577, 0.3164,
0.2494


 17.3577, 0.3164,
0.2494


237.2253, 0.3153,
0.2930


 10.4899, 0.3163,
0.2372


 38.9398, 0.3163,
0.2662

 5.7249, 0.3158,
0.2206


 54.4228, 0.3161,
0.2722

 2.6786, 0.3143,
0.1970

 73.5463, 0.3160,
0.2772

 0.9663, 0.3102,
0.1614

 96.6947, 0.3158,
0.2814

 0.0000, 0.3188,
0.0000

124.2524, 0.3157,
0.2849

 0.0000, 0.0000,
0.0000

156.6039, 0.3155,

0.2880

194.1334, 0.3154,
0.2906

■ 17.3577, 0.3164,
0.2494

■ 17.3577, 0.3164,
0.2494

■ 14.8049, 0.3175,
0.2266

■ 20.4262, 0.3153,
0.2734

■ 12.7374, 0.3184,
0.2058

■ 24.0341, 0.3142,
0.2977

■ 11.1250, 0.3192,
0.1879


■ 28.2063, 0.3131,
0.3217

■ 9.9335, 0.3199,
0.1736


■ 32.9657, 0.3120,
0.3448

■ 9.1237, 0.3203,
0.1633

■ 38.3337, 0.3110,
0.3666


 8.6490, 0.3206,
0.1570

 44.3307, 0.3100,
0.3870

 8.4272, 0.3207,
0.1541

 50.9763, 0.3091,
0.4057

 58.2891, 0.3083,
0.4229

 66.2869, 0.3076,
0.4385

Harmonies

Analogous

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



17.3577, 0.2551, 0.2295



17.3577, 0.3164, 0.2494



17.3577, 0.3833, 0.2860

Triad

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



17.3577, 0.3164, 0.2494



17.3577, 0.4159, 0.4270



17.3577, 0.2061, 0.3067

Complementary

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



17.3577, 0.3164, 0.2494



24.7454, 0.3083, 0.4239

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.



17.3577, 0.2416, 0.3748



17.3577, 0.3164, 0.2494



17.3577, 0.3622, 0.4496

Square

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



17.3577, 0.3164, 0.2494



17.3577, 0.4430, 0.3829



17.3577, 0.2983, 0.4320



17.3577, 0.1970, 0.2558

Rectangle

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



17.3577, 0.3164, 0.2494



17.3577, 0.4191, 0.3165



17.3577, 0.2983, 0.4320



17.3577, 0.2151, 0.3285

Sweetspot

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



17.3585, 0.3164, 0.2494



44.4321, 0.3138, 0.3048



13.8716, 0.2556, 0.2358



9.9365, 0.3140, 0.3017



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.3585, 0.3164, 0.2494



27.0782, 0.3172, 0.2317



16.6866, 0.3486, 0.2860



5.9090, 0.3137, 0.3072



7.1950, 0.3207, 0.1541



0.0881, 0.3208, 0.1541

Inverse Universe

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



16.1245, 0.3865, 0.3292



24.5468, 0.4122, 0.3292



25.2649, 0.2877, 0.3767



5.8155, 0.3282, 0.3290



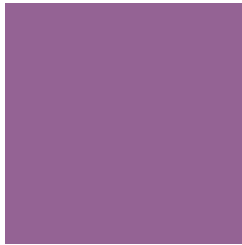
5.3780, 0.6400, 0.3299



0.0658, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 17.3577, 0.3164, 0.2494 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 17.3577, 0.3164, 0.2494 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 17.3577, 0.3164, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 17.3577, 0.3164, 0.2494.



This preview shows how white text looks on a background with the Yxy color 17.3577, 0.3164, 0.2494.

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

17.3577, 0.3164, 0.2494

Protanopia

17.4563, 0.2526, 0.2455

Deuteranopia

17.5237, 0.2758, 0.2714



Tritanopia

17.3626, 0.3541, 0.3150

Trichromacy



Original Color

17.3577, 0.3164, 0.2494

Protanomaly

17.2595, 0.2721, 0.2462

Deuteranomaly

17.3726, 0.2895, 0.2631

Tritanomaly

17.2266, 0.3410, 0.2895

Monochromacy



Original Color

17.3577, 0.3164, 0.2494

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9459, 0.3142, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3577, 0.3164, 0.2494 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(148, 99, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 99, 148)  
}
```

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(148, 99, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 99, 148) }
```

Border

The CSS property to change the border of an element to Yxy 17.3577, 0.3164, 0.2494 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(148, 99, 148) }
```

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

```
.border{ border-color:rgb(148, 99, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 99, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 99, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 99, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 99,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3577, 0.3164, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 99, 148) }
```

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

```
.background{ background-color: rgb(148, 99,  
148) }
```

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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