

Converting Colors

$Y_{xy}(14.5009, 0.3420, 0.2567)$

Have a look what the booklet for
Yxy(14.5009, 0.3420, 0.2567)
contains.

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Color

Yxy(14.6044, 0.3430, 0.2582)

Conversions

Conversions Part 1

Format	Color
Hex	935781
RGB	147, 87, 129
RGB Percent	58%, 34%, 51%
CMY	0.4236, 0.6588, 0.4942
CMYK	0.00, 0.41, 0.12, 0.42
HSL	318°, 26%, 46%
HSV	318°, 41%, 58%
XYZ	19.4009, 14.6044, 22.5571
YIQ	109.7280, 22.2780, 25.7820

Conversions

Conversions Part 2

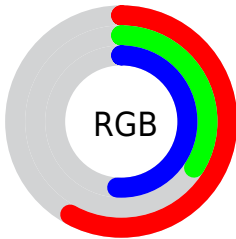
Format	Color
R_{YB}	147, 87, 129
Decimal	9656193
CIE _{Lab}	45.09, 31.09, -13.02
CIE _{LCh}	45, 33.703, 337.278
Yxy	14.6044, 0.3430, 0.2582
Android (android.graphics.Color)	4287846273 (0xFF935781)
YUV	109.7280, 9.5011, 32.6875
Hunter-Lab	38.2157, 23.7412, -8.2453

Details

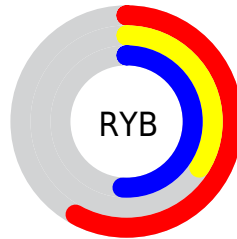
The Yxy color **14.6044, 0.3430, 0.2582** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.9123, 0.2920, 0.4128**, and the grayscale version is **15.4790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1109, 0.3361, 0.2737**, and **4.4631, 0.3545, 0.2295** is the 20% darker color. If you saturate the color by 10%, you get **12.3471, 0.3532, 0.2417**, and if you desaturate by 10%, it is **17.3528, 0.3339, 0.2757**.

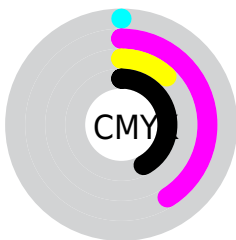
Distribution



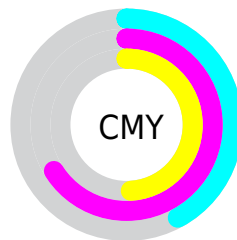
- Red (58%)
- Green (34%)
- Blue (51%)



- Red (58%)
- Yellow (34%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (12%)
- Black (42%)




- Cyan (42%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6044, 0.3430, 0.2582 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 14.6044, 0.3430, 0.2582 by changing the saturation by 10% instead.


 14.6044, 0.3430,
0.2582


 14.6044, 0.3430,
0.2582


220.9591, 0.3260,
0.2982


 8.5422, 0.3480,
0.2464


 34.1577, 0.3363,
0.2740


 4.4438, 0.3549,
0.2299


 48.4175, 0.3339,
0.2795


 1.9248, 0.3651,
0.2054

 66.1788, 0.3320,
0.2841

 0.5632, 0.3853,
0.1572

 87.8258, 0.3304,
0.2878

 0.0000, 0.4321,
0.0000

 113.7429, 0.3290,
0.2910

 0.0000, 0.0000,
0.0000

144.3146, 0.3279,

0.2938

179.9252, 0.3269,
0.2961

■ 14.6044, 0.3430,
0.2582

■ 14.6044, 0.3430,
0.2582

■ 12.3471, 0.3532,
0.2417

■ 17.3528, 0.3339,
0.2757

■ 10.5493, 0.3645,
0.2272

■ 20.6174, 0.3259,
0.2934

■ 9.1786, 0.3765,
0.2156


■ 24.4241, 0.3190,
0.3109

■ 8.1978, 0.3889,
0.2079

■ 28.7965, 0.3131,
0.3277

■ 7.5630, 0.4013,
0.2047


■ 33.7566, 0.3082,
0.3436

 7.1784, 0.4127,
0.2047

 39.3254, 0.3040,
0.3584

 45.5228, 0.3005,
0.3721

 52.3678, 0.2975,
0.3848

 59.8786, 0.2951,
0.3964

Harmonies

Analogous

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



14.6044, 0.2740, 0.2304



14.6044, 0.3430, 0.2582



14.6044, 0.4095, 0.3010

Triad

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



14.6044, 0.3430, 0.2582



14.6044, 0.4020, 0.4442



14.6044, 0.1945, 0.2824

Complementary

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



14.6044, 0.3430, 0.2582



23.9123, 0.2920, 0.4128

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.



14.6044, 0.2212, 0.3498



14.6044, 0.3430, 0.2582



14.6044, 0.3396, 0.4552

Square

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



14.6044, 0.3430, 0.2582



14.6044, 0.4430, 0.4033



14.6044, 0.2734, 0.4193



14.6044, 0.1952, 0.2391

Rectangle

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



14.6044, 0.3430, 0.2582



14.6044, 0.4392, 0.3345



14.6044, 0.2734, 0.4193



14.6044, 0.2003, 0.3027

Sweetspot

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



14.6051, 0.3430, 0.2582



42.7007, 0.3199, 0.3084



11.9284, 0.2610, 0.2147



9.5609, 0.3207, 0.3064



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.



14.6051, 0.3430, 0.2582



22.4059, 0.3524, 0.2430



13.9217, 0.3916, 0.3082



5.8798, 0.3180, 0.3136



6.2285, 0.4121, 0.2044



0.0815, 0.3625, 0.1770

Inverse Universe

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



14.6051, 0.3430, 0.2582



22.4059, 0.3524, 0.2430



24.6410, 0.2674, 0.3517



5.8798, 0.3180, 0.3136



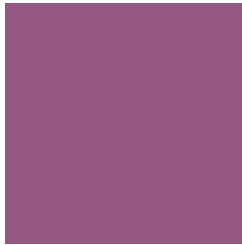
6.2285, 0.4121, 0.2044



0.0815, 0.3625, 0.1770

Previews

White Background



This preview shows how the Yxy color 14.6044, 0.3430, 0.2582 looks on a white background.

Color Contrast Check

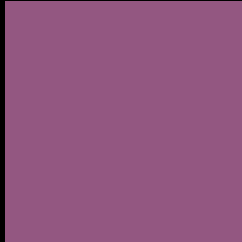
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6044, 0.3430, 0.2582 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 14.6044, 0.3430, 0.2582

Background



This preview shows how black text looks on a background with the Yxy color 14.6044, 0.3430, 0.2582.



This preview shows how white text looks on a background with the Yxy color 14.6044, 0.3430, 0.2582.

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

14.6044, 0.3430, 0.2582

Protanopia

14.8024, 0.2606, 0.2578

Deuteranopia

14.7977, 0.2907, 0.2868



Tritanopia

14.6781, 0.3822, 0.3167

Trichromacy



Original Color

14.6044, 0.3430, 0.2582

Protanomaly

14.3747, 0.2865, 0.2566

Deuteranomaly

14.4052, 0.3083, 0.2737

Tritanomaly

14.6496, 0.3669, 0.2939

Monochromacy



Original Color

14.6044, 0.3430, 0.2582

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.9981, 0.3226, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6044, 0.3430, 0.2582 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(147, 87, 129)` looks like.

```
.text, #text, p{  
  color:rgb(147, 87, 129)  
}
```

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(147, 87, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 87, 129) }
```

Border

The CSS property to change the border of an element to Yxy 14.6044, 0.3430, 0.2582 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(147, 87, 129) }
```

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

```
.border{ border-color:rgb(147, 87, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 87, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 87, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 87, 129);  
box-shadow:4px 4px 4px 4px rgb(147, 87,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6044, 0.3430, 0.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 87, 129) }
```

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

```
.background{ background-color: rgb(147, 87,  
129) }
```

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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