

Converting Colors

$Y_{xy}(14.3773, 0.3482, 0.2622)$

Have a look what the booklet for
Yxy(14.3773, 0.3482, 0.2622)
contains.

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Color

Yxy(14.3650, 0.3478, 0.2612)

Conversions

Conversions Part 1

Format	Color
Hex	93567E
RGB	147, 86, 126
RGB Percent	58%, 34%, 49%
CMY	0.4235, 0.6628, 0.5059
CMYK	0.00, 0.42, 0.14, 0.42
HSL	321°, 26%, 46%
HSV	321°, 42%, 58%
XYZ	19.1277, 14.3650, 21.5035
YIQ	108.7990, 23.5160, 25.3720

Conversions

Conversions Part 2

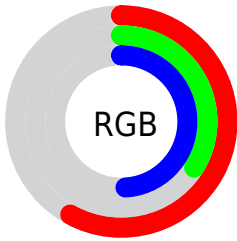
Format	Color
R_{YB}	147, 86, 126
Decimal	9655934
CIE _{Lab}	44.75, 31.15, -11.73
CIE _{LCh}	45, 33.279, 339.370
Yxy	14.3650, 0.3478, 0.2612
Android (android.graphics.Color)	4287846014 (0xFF93567E)
YUV	108.7990, 8.4801, 33.5023
Hunter-Lab	37.9012, 23.7569, -7.1078

Details

The Yxy color **14.3650, 0.3478, 0.2612** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.9107, 0.2895, 0.4089**, and the grayscale version is **15.2039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7026, 0.3394, 0.2760**, and **4.3549, 0.3628, 0.2340** is the 20% darker color. If you saturate the color by 10%, you get **12.1273, 0.3597, 0.2457**, and if you desaturate by 10%, it is **17.0935, 0.3373, 0.2777**.

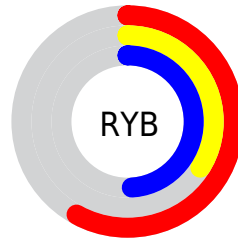
Distribution



Red (58%)

Green (34%)

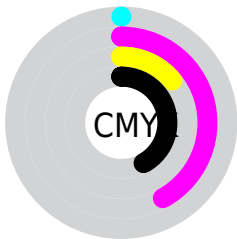
Blue (49%)



Red (58%)

Yellow (34%)

Blue (49%)

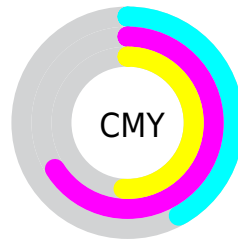


Cyan (0%)

Magenta (42%)

Yellow (14%)

Black (42%)



Cyan (42%)


Magenta (66%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3650, 0.3478, 0.2612 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 14.3650, 0.3478, 0.2612 by changing the saturation by 10% instead.


 14.3650, 0.3478,
0.2612


 14.3650, 0.3478,
0.2612


219.4898, 0.3278,
0.2997


 8.3750, 0.3538,
0.2497


 33.7353, 0.3398,
0.2765


 4.3358, 0.3623,
0.2336


 47.8843, 0.3371,
0.2818


 1.8631, 0.3751,
0.2095

 65.5218, 0.3348,
0.2862

 0.5261, 0.4018,
0.1585

 87.0321, 0.3329,
0.2898

 0.0000, 0.5265,
0.0000

 112.7997, 0.3313,
0.2928

 0.0000, 0.0000,
0.0000

143.2089, 0.3300,

0.2955

178.6442, 0.3288,
0.2977

■ 14.3650, 0.3478,
0.2612

■ 14.3650, 0.3478,
0.2612

■ 12.1273, 0.3597,
0.2457

■ 17.0935, 0.3373,
0.2777

■ 10.3486, 0.3729,
0.2321

■ 20.3381, 0.3281,
0.2944

■ 8.9961, 0.3871,
0.2215


■ 24.1249, 0.3203,
0.3109

■ 8.0323, 0.4018,
0.2149

■ 28.4775, 0.3136,
0.3267

■ 7.4126, 0.4166,
0.2129

■ 33.4183, 0.3080,
0.3416

 7.0557, 0.4293,
0.2138

 38.9681, 0.3033,
0.3556

 45.1471, 0.2994,
0.3685

 51.9744, 0.2961,
0.3803

 59.4681, 0.2934,
0.3912

Harmonies

Analogous

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



14.3650, 0.2787, 0.2324



14.3650, 0.3478, 0.2612



14.3650, 0.4126, 0.3046

Triad

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



14.3650, 0.3478, 0.2612



14.3650, 0.3976, 0.4454



14.3650, 0.1944, 0.2789

Complementary

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



14.3650, 0.3478, 0.2612



23.9107, 0.2895, 0.4089

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.



14.3650, 0.2191, 0.3445



14.3650, 0.3478, 0.2612



14.3650, 0.3348, 0.4533

Square

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



14.3650, 0.3478, 0.2612



14.3650, 0.4403, 0.4062



14.3650, 0.2694, 0.4145



14.3650, 0.1970, 0.2378

Rectangle

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



14.3650, 0.3478, 0.2612



14.3650, 0.4404, 0.3381



14.3650, 0.2694, 0.4145



14.3650, 0.1995, 0.2985

Sweetspot

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



14.3657, 0.3478, 0.2612



42.6584, 0.3208, 0.3097



11.8469, 0.2624, 0.2133



9.5504, 0.3217, 0.3078



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.



14.3657, 0.3478, 0.2612



21.8860, 0.3591, 0.2464



13.7069, 0.3971, 0.3114



5.8756, 0.3186, 0.3146



6.1208, 0.4285, 0.2134



0.0805, 0.3703, 0.1814

Inverse Universe

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



14.3657, 0.3478, 0.2612



21.8860, 0.3591, 0.2464



24.6506, 0.2652, 0.3482



5.8756, 0.3186, 0.3146



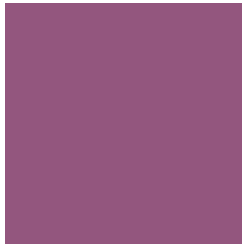
6.1208, 0.4285, 0.2134



0.0805, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 14.3650, 0.3478, 0.2612 looks on a white background.

Color Contrast Check

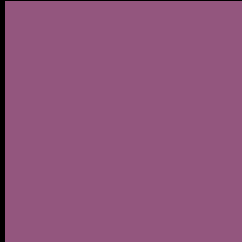
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3650, 0.3478, 0.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

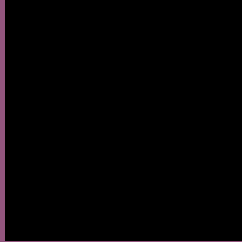
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3650, 0.3478, 0.2612

Background



This preview shows how black text looks on a background with the Yxy color 14.3650, 0.3478, 0.2612.



This preview shows how white text looks on a background with the Yxy color 14.3650, 0.3478, 0.2612.

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

14.3650, 0.3478, 0.2612

Protanopia

14.5086, 0.2633, 0.2609

Deuteranopia

14.5819, 0.2955, 0.2906



Tritanopia

14.2933, 0.3866, 0.3167

Trichromacy



Original Color

14.3650, 0.3478, 0.2612

Protanomaly

14.1014, 0.2899, 0.2597

Deuteranomaly

14.2156, 0.3137, 0.2773

Tritanomaly

14.2472, 0.3726, 0.2956

Monochromacy



Original Color

14.3650, 0.3478, 0.2612

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.7561, 0.3255, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3650, 0.3478, 0.2612 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, 86, 126)` looks like.

```
.text, #text, p{  
    color:rgb(147, 86, 126)  
}
```

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, 86, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 86, 126) }
```

Border

The CSS property to change the border of an element to Yxy 14.3650, 0.3478, 0.2612 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, 86, 126) }
```

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

```
.border{ border-color:rgb(147, 86, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 86, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 86, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 86, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 86,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3650, 0.3478, 0.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 86, 126) }
```

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

```
.background{ background-color: rgb(147, 86,  
126) }
```

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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