

Converting Colors

$Y_{xy}(14.3751, 0.3244, 0.2675)$

Have a look what the booklet for
Yxy(14.3751, 0.3244, 0.2675)
contains.

Yxy(14.3476, 0.3244, 0.2672)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.3476, 0.3244, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	855D7F
RGB	133, 93, 127
RGB Percent	52%, 36%, 50%
CMY	0.4784, 0.6353, 0.5020
CMYK	0.00, 0.30, 0.05, 0.48
HSL	309°, 18%, 44%
HSV	309°, 30%, 52%
XYZ	17.4190, 14.3476, 21.9295
YIQ	108.8360, 12.9260, 19.0540

Conversions

Conversions Part 2

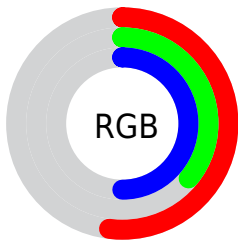
Format	Color
R_{YB}	133, 93, 127
Decimal	8740223
CIE _{Lab}	44.73, 22.25, -12.53
CIE _{LCh}	45, 25.539, 330.615
Yxy	14.3476, 0.3244, 0.2672
Android (android.graphics.Color)	4286930303 (0xFF855D7F)
YUV	108.8360, 8.9549, 21.1918
Hunter-Lab	37.8782, 15.7997, -7.8110

Details

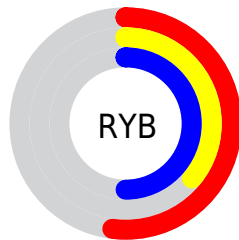
The Yxy color $14.3476, 0.3244, 0.2672$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $20.0060, 0.3029, 0.3999$, and the grayscale version is $15.2159, 0.3127, 0.3290$.

A 20% lighter version of the original color is $33.8066, 0.3221, 0.2813$, and $4.3430, 0.3289, 0.2413$ is the 20% darker color. If you saturate the color by 10%, you get $12.1613, 0.3292, 0.2468$, and if you desaturate by 10%, it is $16.9424, 0.3200, 0.2881$.

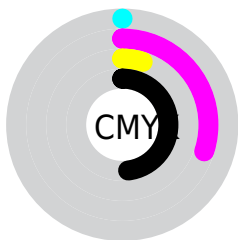
Distribution



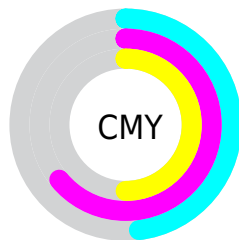
- Red (52%)
- Green (36%)
- Blue (50%)



- Red (52%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (48%)




- Cyan (48%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3476, 0.3244, 0.2672 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 14.3476, 0.3244, 0.2672 by changing the saturation by 10% instead.


 14.3476, 0.3244,
0.2672


 14.3476, 0.3244,
0.2672

219.3827, 0.3181,
0.3025


 8.3628, 0.3261,
0.2565


 33.7045, 0.3220,
0.2813


 4.3280, 0.3283,
0.2414

 47.8455, 0.3211,
0.2862

 1.8587, 0.3312,
0.2187

 65.4739, 0.3204,
0.2902

 0.5233, 0.3397,
0.1682

 86.9743, 0.3198,
0.2935

 0.0000, 0.0000,
0.0000

112.7309, 0.3193,
0.2963

143.1283, 0.3188,

0.2987

178.5507, 0.3184,
0.3007

■ 14.3476, 0.3244,
0.2672

■ 14.3476, 0.3244,
0.2672

■ 12.1613, 0.3292,
0.2468

■ 16.9424, 0.3200,
0.2881

■ 10.3605, 0.3344,
0.2276

■ 19.9632, 0.3162,
0.3088

■ 8.9230, 0.3399,
0.2105


■ 23.4290, 0.3127,
0.3288

■ 7.8232, 0.3455,
0.1965


■ 27.3569, 0.3098,
0.3479

■ 7.0328, 0.3511,
0.1861

■ 31.7633, 0.3072,
0.3658

 6.5182, 0.3565,
0.1799

 36.6637, 0.3050,
0.3825

 6.1802, 0.3617,
0.1766

 42.0727, 0.3032,
0.3978

 48.0046, 0.3016,
0.4119

 54.4731, 0.3002,
0.4248

Harmonies

Analogous

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



14.3476, 0.2729, 0.2483



14.3476, 0.3244, 0.2672



14.3476, 0.3766, 0.2997

Triad

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



14.3476, 0.3244, 0.2672



14.3476, 0.3918, 0.4135



14.3476, 0.2229, 0.3051

Complementary

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



14.3476, 0.3244, 0.2672



20.0060, 0.3029, 0.3999

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.



14.3476, 0.2498, 0.3577



14.3476, 0.3244, 0.2672



14.3476, 0.3467, 0.4250

Square

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



14.3476, 0.3244, 0.2672



14.3476, 0.4166, 0.3809



14.3476, 0.2947, 0.4047



14.3476, 0.2181, 0.2659

Rectangle

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



14.3476, 0.3244, 0.2672



14.3476, 0.4028, 0.3260



14.3476, 0.2947, 0.4047



14.3476, 0.2295, 0.3218

Sweetspot

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



14.3482, 0.3244, 0.2672



36.2558, 0.3158, 0.3106



12.1750, 0.2696, 0.2469



8.0026, 0.3163, 0.3080



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.3482, 0.3244, 0.2672



22.9747, 0.3276, 0.2534



13.8776, 0.3542, 0.3026



4.7511, 0.3158, 0.3107



5.8868, 0.3616, 0.1766



0.0212, 0.3395, 0.1644

Inverse Universe

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



14.3482, 0.3244, 0.2672



22.9747, 0.3276, 0.2534



20.4370, 0.2837, 0.3572



4.7511, 0.3158, 0.3107



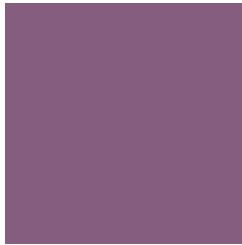
5.8868, 0.3616, 0.1766



0.0212, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 14.3476, 0.3244, 0.2672 looks on a white background.

Color Contrast Check

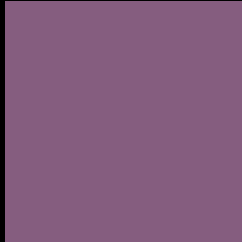
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3476, 0.3244, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

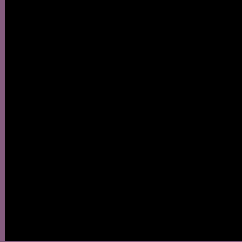
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3476, 0.3244, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 14.3476, 0.3244, 0.2672.



This preview shows how white text looks on a background with the Yxy color 14.3476, 0.3244, 0.2672.

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

14.3476, 0.3244, 0.2672

Protanopia

14.4491, 0.2685, 0.2683

Deuteranopia

14.5071, 0.2905, 0.2864



Tritanopia

14.3151, 0.3513, 0.3137

Trichromacy



Original Color

14.3476, 0.3244, 0.2672

Protanomaly

14.3528, 0.2873, 0.2682

Deuteranomaly

14.3337, 0.3012, 0.2781

Tritanomaly

14.3833, 0.3411, 0.2970

Monochromacy



Original Color

14.3476, 0.3244, 0.2672

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.8130, 0.3167, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3476, 0.3244, 0.2672 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(133, 93, 127)` looks like.

```
.text, #text, p{  
    color:rgb(133, 93, 127)  
}
```

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(133, 93, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 93, 127) }
```

Border

The CSS property to change the border of an element to Yxy 14.3476, 0.3244, 0.2672 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(133, 93, 127) }
```

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

```
.border{ border-color:rgb(133, 93, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 93, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 93, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 93, 127);  
box-shadow:4px 4px 4px 4px rgb(133, 93,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3476, 0.3244, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 93, 127) }
```

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

```
.background{ background-color: rgb(133, 93,  
127) }
```

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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