

Converting Colors

$Y_{xy}(14.0078, 0.3099, 0.2450)$

Have a look what the booklet for
Yxy(14.0078, 0.3099, 0.2450)
contains.

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Color

Yxy(14.0240, 0.3095, 0.2454)

Conversions

Conversions Part 1

Format	Color
Hex	845A89
RGB	132, 90, 137
RGB Percent	52%, 35%, 54%
CMY	0.4823, 0.6470, 0.4628
CMYK	0.04, 0.34, 0.00, 0.46
HSL	294°, 21%, 45%
HSV	294°, 34%, 54%
XYZ	17.6872, 14.0240, 25.4364
YIQ	107.9160, 9.9450, 23.5210

Conversions

Conversions Part 2

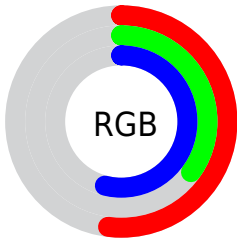
Format	Color
R_{YB}	132, 90, 137
Decimal	8673929
CIE _{Lab}	44.27, 25.69, -19.27
CIE _{LCh}	44, 32.109, 323.126
Yxy	14.0240, 0.3095, 0.2454
Android (android.graphics.Color)	4286864009 (0xFF845A89)
YUV	107.9160, 14.3384, 21.1217
Hunter-Lab	37.4486, 18.7712, -14.0577

Details

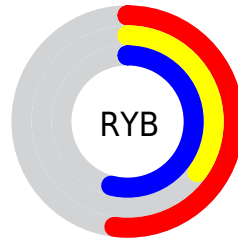
The Yxy color **14.0240, 0.3095, 0.2454** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.0577, 0.3134, 0.4255**, and the grayscale version is **14.9289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2504, 0.3108, 0.2637**, and **4.1652, 0.3042, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **11.8065, 0.3079, 0.2215**, and if you desaturate by 10%, it is **16.6703, 0.3108, 0.2701**.

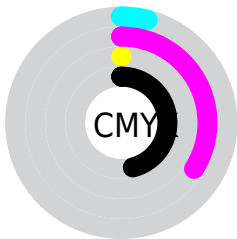
Distribution



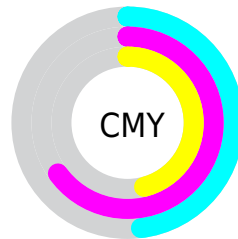
- Red (52%)
- Green (35%)
- Blue (54%)



- Red (52%)
- Yellow (35%)
- Blue (54%)



- Cyan (4%)
- Magenta (34%)
- Yellow (0%)
- Black (46%)





- Cyan (48%)
- Magenta (65%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0240, 0.3095, 0.2454 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 14.0240, 0.3095, 0.2454 by changing the saturation by 10% instead.


 14.0240, 0.3095,
0.2454


 14.0240, 0.3095,
0.2454


217.3801, 0.3125,
0.2925


 8.1374, 0.3080,
0.2316


 33.1316, 0.3110,
0.2640


 4.1830, 0.3054,
0.2124


 47.1214, 0.3115,
0.2705

 1.7764, 0.3004,
0.1843

 64.5809, 0.3118,
0.2758

 0.4724, 0.2938,
0.1263

 85.8947, 0.3120,
0.2803

 0.0000, 0.0350,
0.0000

 111.4472, 0.3122,
0.2841

 0.0000, 0.0000,
0.0000

141.6226, 0.3123,

0.2873

176.8054, 0.3124,
0.2901

■ 14.0240, 0.3095,
0.2454

■ 14.0240, 0.3095,
0.2454

■ 11.8065, 0.3079,
0.2215

■ 16.6703, 0.3108,
0.2701

■ 9.9924, 0.3061,
0.1994

■ 19.7652, 0.3117,
0.2948

■ 8.5568, 0.3040,
0.1799

■ 23.3295, 0.3125,
0.3189

■ 7.4709, 0.3016,
0.1638

■ 27.3820, 0.3130,
0.3420

■ 6.7020, 0.2991,
0.1517

■ 31.9409, 0.3133,
0.3636

■ 6.2082, 0.2965,
0.1437

■ 37.0229, 0.3134,
0.3837

■ 5.9776, 0.2950,
0.1399

■ 42.6443, 0.3135,
0.4022

■ 48.8207, 0.3134,
0.4191

■ 55.5669, 0.3133,
0.4344

Harmonies

Analogous

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



14.0240, 0.2489, 0.2272



14.0240, 0.3095, 0.2454



14.0240, 0.3779, 0.2810

Triad

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



14.0240, 0.3095, 0.2454



14.0240, 0.4216, 0.4244



14.0240, 0.2070, 0.3128

Complementary

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



14.0240, 0.3095, 0.2454



21.0577, 0.3134, 0.4255

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.



14.0240, 0.2455, 0.3825



14.0240, 0.3095, 0.2454



14.0240, 0.3691, 0.4509

Square

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



14.0240, 0.3095, 0.2454



14.0240, 0.4458, 0.3784



14.0240, 0.3045, 0.4378



14.0240, 0.1951, 0.2586

Rectangle

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



14.0240, 0.3095, 0.2454



14.0240, 0.4162, 0.3113



14.0240, 0.3045, 0.4378



14.0240, 0.2170, 0.3354

Sweetspot

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



14.0246, 0.3095, 0.2454



37.9032, 0.3121, 0.3048



12.2514, 0.2550, 0.2428



8.3316, 0.3120, 0.3018



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



14.0246, 0.3095, 0.2454



22.0311, 0.3083, 0.2271



13.9613, 0.3426, 0.2765



5.1025, 0.3122, 0.3073



5.5724, 0.2951, 0.1399



0.0406, 0.3087, 0.1474

Inverse Universe

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



13.4559, 0.3812, 0.3199



20.8855, 0.4040, 0.3179



21.1443, 0.2914, 0.3883



5.0566, 0.3265, 0.3267



4.9859, 0.6233, 0.3208



0.0341, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 14.0240, 0.3095, 0.2454 looks on a white background.

Color Contrast Check

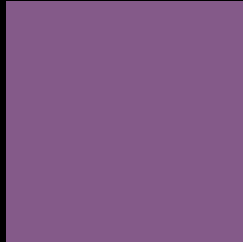
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0240, 0.3095, 0.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

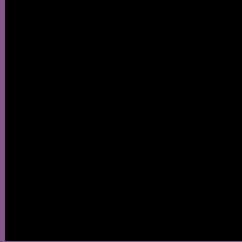
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0240, 0.3095, 0.2454

Background



This preview shows how black text looks on a background with the Yxy color 14.0240, 0.3095, 0.2454.



This preview shows how white text looks on a background with the Yxy color 14.0240, 0.3095, 0.2454.

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

14.0240, 0.3095, 0.2454

Protanopia

14.0824, 0.2498, 0.2421

Deuteranopia

14.1591, 0.2705, 0.2645



Tritanopia

14.0609, 0.3483, 0.3154

Trichromacy



Original Color

14.0240, 0.3095, 0.2454

Protanomaly

13.8443, 0.2696, 0.2425

Deuteranomaly

13.9577, 0.2837, 0.2555

Tritanomaly

13.9335, 0.3342, 0.2873

Monochromacy



Original Color

14.0240, 0.3095, 0.2454

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4212, 0.3116, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0240, 0.3095, 0.2454 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(132, 90, 137)` looks like.

```
.text, #text, p{  
  color:rgb(132, 90, 137)  
}
```

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(132, 90, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 90, 137) }
```

Border

The CSS property to change the border of an element to Yxy 14.0240, 0.3095, 0.2454 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(132, 90, 137) }
```

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

```
.border{ border-color:rgb(132, 90, 137) }
```

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

Here you see how a box with a 4 pixel rgb(132, 90, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 90, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 90, 137);  
box-shadow:4px 4px 4px 4px rgb(132, 90,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0240, 0.3095, 0.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 90, 137) }
```

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

```
.background{ background-color: rgb(132, 90,  
137) }
```

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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