

Converting Colors

$Y_{xy}(15.4320, 0.3154, 0.2696)$

Have a look what the booklet for
Yxy(15.4320, 0.3154, 0.2696)
contains.

Yxy(15.4952, 0.3155, 0.2695)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.4952, 0.3155, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	846384
RGB	132, 99, 132
RGB Percent	52%, 39%, 52%
CMY	0.4824, 0.6117, 0.4824
CMYK	0.00, 0.25, 0.00, 0.48
HSL	300°, 14%, 45%
HSV	300°, 25%, 52%
XYZ	18.1400, 15.4952, 23.8609
YIQ	112.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

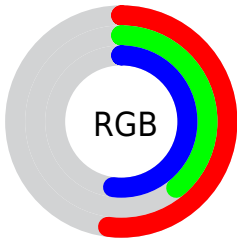
Format	Color
R_{YB}	132, 99, 132
Decimal	8676228
CIE _{Lab}	46.31, 19.32, -13.16
CIE _{LCh}	46, 23.373, 325.743
Yxy	15.4952, 0.3155, 0.2695
Android (android.graphics.Color)	4286866308 (0xFF846384)
YUV	112.6290, 9.5499, 16.9884
Hunter-Lab	39.3639, 13.3710, -8.3845

Details

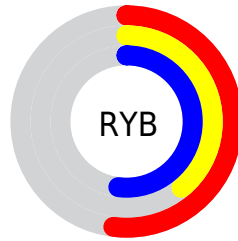
The Yxy color **15.4952, 0.3155, 0.2695** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0546, 0.3095, 0.3967**, and the grayscale version is **16.3674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6298, 0.3149, 0.2828**, and **4.8590, 0.3166, 0.2469** is the 20% darker color. If you saturate the color by 10%, you get **13.1955, 0.3166, 0.2459**, and if you desaturate by 10%, it is **18.2051, 0.3144, 0.2936**.

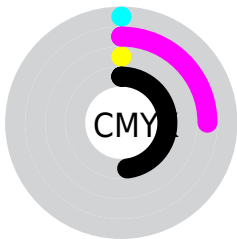
Distribution



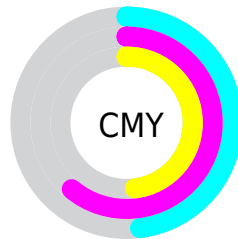
- Red (52%)
- Green (39%)
- Blue (52%)



- Red (52%)
- Yellow (39%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (48%)




- Cyan (48%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4952, 0.3155, 0.2695 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 15.4952, 0.3155, 0.2695 by changing the saturation by 10% instead.


 15.4952, 0.3155,
0.2695


 15.4952, 0.3155,
0.2695


226.3443, 0.3144,
0.3032


 9.1677, 0.3156,
0.2594


 35.7196, 0.3152,
0.2829


 4.8507, 0.3154,
0.2453


 50.3852, 0.3151,
0.2876

 2.1599, 0.3146,
0.2242

 68.5991, 0.3150,
0.2914

 0.6980, 0.3130,
0.1866

 90.7454, 0.3148,
0.2945

 0.0000, 0.1486,
0.0000

117.2087, 0.3147,
0.2972

 0.0000, 0.0000,
0.0000

148.3734, 0.3146,

0.2995

184.6238, 0.3145,
0.3015

■ 15.4952, 0.3155,
0.2695

■ 15.4952, 0.3155,
0.2695

■ 13.1955, 0.3166,
0.2459

■ 18.2051, 0.3144,
0.2936

■ 11.2841, 0.3176,
0.2235

■ 21.3415, 0.3133,
0.3174

■ 9.7402, 0.3186,
0.2033


■ 24.9226, 0.3122,
0.3404

■ 8.5402, 0.3194,
0.1860


■ 28.9648, 0.3112,
0.3623

■ 7.6578, 0.3200,
0.1723


■ 33.4836, 0.3102,
0.3828

 7.0628, 0.3205,
0.1626

 38.4938, 0.3093,
0.4017

 6.7125, 0.3208,
0.1566

 44.0096, 0.3085,
0.4191

 6.5687, 0.3209,
0.1541

 50.0447, 0.3078,
0.4349

 56.6122, 0.3071,
0.4492

Harmonies

Analogous

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



15.4952, 0.2707, 0.2548



15.4952, 0.3155, 0.2695



15.4952, 0.3628, 0.2974

Triad

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



15.4952, 0.3155, 0.2695



15.4952, 0.3889, 0.4013



15.4952, 0.2346, 0.3153

Complementary

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



15.4952, 0.3155, 0.2695



20.0546, 0.3095, 0.3967

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.



15.4952, 0.2622, 0.3622



15.4952, 0.3155, 0.2695



15.4952, 0.3509, 0.4145

Square

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



15.4952, 0.3155, 0.2695



15.4952, 0.4067, 0.3707



15.4952, 0.3044, 0.4007



15.4952, 0.2267, 0.2773

Rectangle

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



15.4952, 0.3155, 0.2695



15.4952, 0.3882, 0.3208



15.4952, 0.3044, 0.4007



15.4952, 0.2417, 0.3307

Sweetspot

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



15.4959, 0.3155, 0.2695



36.3341, 0.3135, 0.3123



13.3494, 0.2719, 0.2625



8.3978, 0.3136, 0.3112



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.



15.4959, 0.3155, 0.2695



24.9104, 0.3161, 0.2560



15.0928, 0.3374, 0.2973



4.7628, 0.3137, 0.3076



6.3612, 0.3209, 0.1541



0.0220, 0.3209, 0.1541

Inverse Universe

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



14.7318, 0.3626, 0.3291



23.3233, 0.3782, 0.3292



20.3899, 0.2937, 0.3631



4.6887, 0.3279, 0.3290



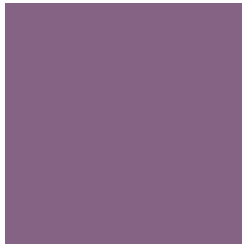
4.7498, 0.6400, 0.3300



0.0165, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 15.4952, 0.3155, 0.2695 looks on a white background.

Color Contrast Check

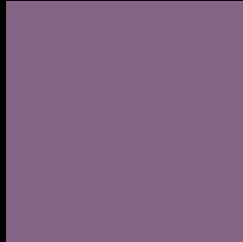
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4952, 0.3155, 0.2695 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 15.4952, 0.3155, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 15.4952, 0.3155, 0.2695.



This preview shows how white text looks on a background with the Yxy color 15.4952, 0.3155, 0.2695.

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

15.4952, 0.3155, 0.2695

Protanopia

15.6849, 0.2709, 0.2703

Deuteranopia

15.5066, 0.2900, 0.2839



Tritanopia

15.5153, 0.3393, 0.3138

Trichromacy



Original Color

15.4952, 0.3155, 0.2695

Protanomaly

15.4581, 0.2868, 0.2698

Deuteranomaly

15.4613, 0.2990, 0.2776

Tritanomaly

15.5805, 0.3298, 0.2972

Monochromacy



Original Color

15.4952, 0.3155, 0.2695

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.0743, 0.3138, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4952, 0.3155, 0.2695 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, 99, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 99, 132)  
}
```

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, 99, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 99, 132) }
```

Border

The CSS property to change the border of an element to Yxy 15.4952, 0.3155, 0.2695 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, 99, 132) }
```

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

```
.border{ border-color:rgb(132, 99, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 99, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 99, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 99, 132); box-shadow:4px 4px 4px 4px rgb(132, 99, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4952, 0.3155, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 99, 132) }
```

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

```
.background{ background-color: rgb(132, 99,  
132) }
```

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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