

Converting Colors

$Y_{xy}(13.5688, 0.4242, 0.2889)$

Have a look what the booklet for
Yxy(13.5688, 0.4242, 0.2889)
contains.

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Color

Yxy(13.5585, 0.4255, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	A44963
RGB	164, 73, 99
RGB Percent	64%, 29%, 39%
CMY	0.3569, 0.7136, 0.6118
CMYK	0.00, 0.55, 0.40, 0.36
HSL	343°, 38%, 46%
HSV	343°, 55%, 64%
XYZ	19.9417, 13.5585, 13.3663
YIQ	103.1730, 45.8900, 27.3780

Conversions

Conversions Part 2

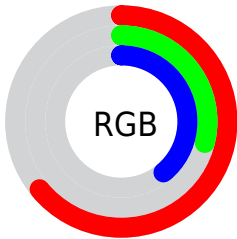
Format	Color
R_{YB}	164, 73, 99
Decimal	10766691
CIE _{Lab}	43.59, 40.24, 3.35
CIE _{LCh}	44, 40.379, 4.756
Yxy	13.5585, 0.4255, 0.2893
Android (android.graphics.Color)	4288956771 (0xFFA44963)
YUV	103.1730, -2.0573, 53.3453
Hunter-Lab	36.8219, 32.2325, 4.2530

Details

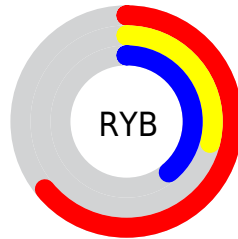
The Yxy color **13.5585, 0.4255, 0.2893** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29.7986, 0.2605, 0.3766**, and the grayscale version is **13.6094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3988, 0.3971, 0.2994**, and **4.0086, 0.4809, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **11.4724, 0.4590, 0.2849**, and if you desaturate by 10%, it is **16.2467, 0.3961, 0.2956**.

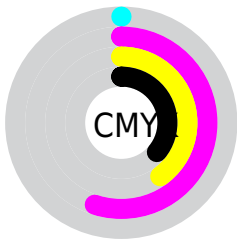
Distribution



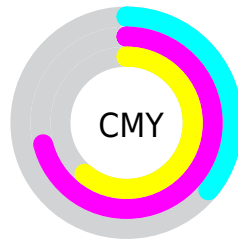
- Red (64%)
- Green (29%)
- Blue (39%)



- Red (64%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (55%)
- Yellow (40%)
- Black (36%)





- Cyan (36%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5585, 0.4255, 0.2893 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 13.5585, 0.4255, 0.2893 by changing the saturation by 10% instead.


 13.5585, 0.4255,
0.2893


 13.5585, 0.4255,
0.2893

214.4667, 0.3577,
0.3138


 7.8142, 0.4479,
0.2809


 32.3036, 0.3973,
0.2997


 3.9763, 0.4809,
0.2681

 46.0732, 0.3879,
0.3031


 1.6603, 0.5340,
0.2468

 63.2867, 0.3803,
0.3058

 0.3978, 0.7118,
0.1921

 84.3285, 0.3741,
0.3080

 0.0000, 1.0000,
0.0000

 109.5830, 0.3690,
0.3098

 0.0000, 0.0000,
0.0000

139.4346, 0.3646,

0.3114

174.2677, 0.3609,
0.3127

■ 13.5585, 0.4255,
0.2893

■ 13.5585, 0.4255,
0.2893

■ 11.4724, 0.4590,
0.2849

■ 16.2467, 0.3961,
0.2956

■ 9.9392, 0.4952,
0.2835

■ 19.5769, 0.3711,
0.3029

■ 8.9053, 0.5317,
0.2861

■ 23.5881, 0.3503,
0.3106

■ 8.3011, 0.5651,
0.2930

■ 28.3154, 0.3332,
0.3181

■ 8.0947, 0.5792,
0.2964

■ 33.7918, 0.3192,
0.3253

■ 40.0479, 0.3078,
0.3320

■ 47.1127, 0.2985,
0.3381

■ 55.0138, 0.2909,
0.3438

■ 63.7775, 0.2846,
0.3490

Harmonies

Analogous

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



13.5585, 0.3413, 0.2410



13.5585, 0.4255, 0.2893



13.5585, 0.4756, 0.3476

Triad

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



13.5585, 0.4255, 0.2893



13.5585, 0.3489, 0.4866



13.5585, 0.1722, 0.2230

Complementary

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



13.5585, 0.4255, 0.2893



29.7986, 0.2605, 0.3766

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.



13.5585, 0.1732, 0.2759



13.5585, 0.4255, 0.2893



13.5585, 0.2693, 0.4488

Square

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



13.5585, 0.4255, 0.2893



13.5585, 0.4233, 0.4632



13.5585, 0.2059, 0.3612



13.5585, 0.2007, 0.2031

Rectangle

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



13.5585, 0.4255, 0.2893



13.5585, 0.4791, 0.3885



13.5585, 0.2059, 0.3612



13.5585, 0.1692, 0.2367

Sweetspot

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



13.5592, 0.4255, 0.2893



49.7205, 0.3361, 0.3167



12.7402, 0.2819, 0.1856



10.5057, 0.3392, 0.3153



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



13.5592, 0.4255, 0.2893



19.9550, 0.4689, 0.2842



15.8909, 0.4558, 0.3574



7.1177, 0.3242, 0.3226



6.2151, 0.5767, 0.2950



0.1383, 0.4805, 0.2421

Inverse Universe

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



13.5592, 0.4255, 0.2893



19.9550, 0.4689, 0.2842



24.5909, 0.2370, 0.2959



7.1177, 0.3242, 0.3226



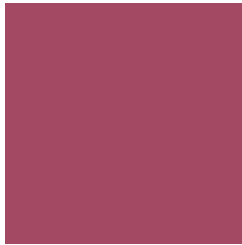
6.2151, 0.5767, 0.2950



0.1383, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 13.5585, 0.4255, 0.2893 looks on a white background.

Color Contrast Check

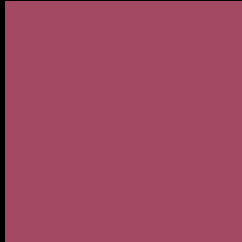
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5585, 0.4255, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

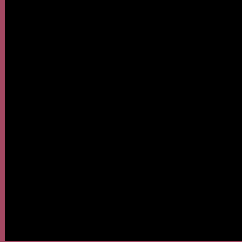
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.5585, 0.4255, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 13.5585, 0.4255, 0.2893.



This preview shows how white text looks on a background with the Yxy color 13.5585, 0.4255, 0.2893.

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

13.5585, 0.4255, 0.2893

Protanopia

13.7862, 0.2947, 0.3014

Deuteranopia

13.7225, 0.3453, 0.3395



Tritanopia

13.5646, 0.4535, 0.3202

Trichromacy



Original Color

13.5585, 0.4255, 0.2893

Protanomaly

13.1401, 0.3375, 0.2938

Deuteranomaly

13.2252, 0.3748, 0.3178

Tritanomaly

13.5233, 0.4433, 0.3093

Monochromacy



Original Color

13.5585, 0.4255, 0.2893

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

12.9736, 0.3499, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5585, 0.4255, 0.2893 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(164, 73, 99)` looks like.

```
.text, #text, p{  
    color:rgb(164, 73, 99)  
}
```

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(164, 73, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 73, 99) }
```

Border

The CSS property to change the border of an element to Yxy 13.5585, 0.4255, 0.2893 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(164, 73, 99) }
```

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

```
.border{ border-color:rgb(164, 73, 99) }
```

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

Here you see how a box with a 4 pixel rgb(164, 73, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 73, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 73, 99);  
box-shadow:4px 4px 4px 4px rgb(164, 73,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 13.5585, 0.4255, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 73, 99) }
```

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

```
.background{ background-color: rgb(164, 73,  
99) }
```

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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