

Converting Colors

$Y_{xy}(14.2789, 0.3859, 0.2651)$

Have a look what the booklet for
Yxy(14.2789, 0.3859, 0.2651)
contains.

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Color

Yxy(14.2971, 0.3862, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	A24D76
RGB	162, 77, 118
RGB Percent	64%, 30%, 46%
CMY	0.3646, 0.6981, 0.5372
CMYK	0.00, 0.52, 0.27, 0.36
HSL	331°, 36%, 47%
HSV	331°, 52%, 64%
XYZ	20.8281, 14.2971, 18.8057
YIQ	107.0890, 37.4990, 30.7710

Conversions

Conversions Part 2

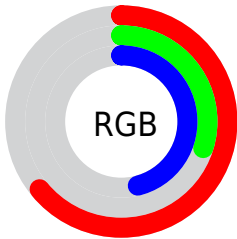
Format	Color
R_{YB}	162, 77, 118
Decimal	10636662
CIE _{Lab}	44.66, 40.00, -6.80
CIE _{LCh}	45, 40.570, 350.350
Yxy	14.2971, 0.3862, 0.2651
Android (android.graphics.Color)	4288826742 (0xFFA24D76)
YUV	107.0890, 5.3791, 48.1569
Hunter-Lab	37.8115, 32.1550, -3.0201

Details

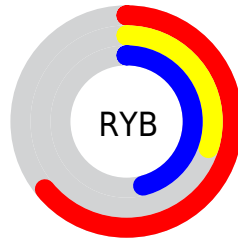
The Yxy color **14.2971, 0.3862, 0.2651** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **28.8060, 0.2743, 0.4065**, and the grayscale version is **14.7056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6629, 0.3688, 0.2801**, and **4.3256, 0.4199, 0.2378** is the 20% darker color. If you saturate the color by 10%, you get **12.1159, 0.4080, 0.2554**, and if you desaturate by 10%, it is **17.0621, 0.3669, 0.2767**.

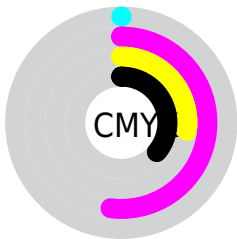
Distribution



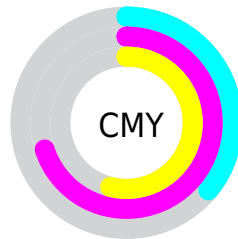
- Red (64%)
- Green (30%)
- Blue (46%)



- Red (64%)
- Yellow (30%)
- Blue (46%)



- Cyan (0%)
- Magenta (52%)
- Yellow (27%)
- Black (36%)





- Cyan (36%)
- Magenta (70%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2971, 0.3862, 0.2651 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 14.2971, 0.3862, 0.2651 by changing the saturation by 10% instead.


 14.2971, 0.3862,
0.2651


 14.2971, 0.3862,
0.2651


219.0713, 0.3432,
0.3018

 8.3276, 0.3998,
0.2539


 33.6153, 0.3687,
0.2798

 4.3053, 0.4195,
0.2382

 47.7327, 0.3627,
0.2849


 1.8458, 0.4502,
0.2143

 65.3349, 0.3579,
0.2890

 0.5155, 0.5125,
0.1617

 86.8063, 0.3539,
0.2924

 0.0000, 1.0000,
0.0000

 112.5312, 0.3506,
0.2953

 0.0000, 0.0000,
0.0000

142.8941, 0.3477,

0.2978

178.2794, 0.3453,
0.2999

■ 14.2971, 0.3862,
0.2651

■ 14.2971, 0.3862,
0.2651

■ 12.1159, 0.4080,
0.2554

■ 17.0621, 0.3669,
0.2767

■ 10.4731, 0.4320,
0.2488

■ 20.4476, 0.3504,
0.2892

■ 9.3201, 0.4573,
0.2464

■ 24.4897, 0.3364,
0.3019

■ 8.5985, 0.4825,
0.2491

■ 29.2210, 0.3246,
0.3143

■ 8.2363, 0.5012,
0.2535

■ 34.6723, 0.3149,
0.3262

■ 40.8720, 0.3068,
0.3373

■ 47.8474, 0.3001,
0.3476

■ 55.6242, 0.2946,
0.3571

■ 64.2269, 0.2900,
0.3658

Harmonies

Analogous

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



14.2971, 0.2998, 0.2248



14.2971, 0.3862, 0.2651



14.2971, 0.4559, 0.3191

Triad

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



14.2971, 0.3862, 0.2651



14.2971, 0.3859, 0.4796



14.2971, 0.1704, 0.2451

Complementary

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



14.2971, 0.3862, 0.2651



28.8060, 0.2743, 0.4065

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.



14.2971, 0.1862, 0.3140



14.2971, 0.3862, 0.2651



14.2971, 0.3071, 0.4733

Square

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



14.2971, 0.3862, 0.2651



14.2971, 0.4497, 0.4380



14.2971, 0.2341, 0.4053



14.2971, 0.1847, 0.2103

Rectangle

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



14.2971, 0.3862, 0.2651



14.2971, 0.4770, 0.3589



14.2971, 0.2341, 0.4053



14.2971, 0.1722, 0.2643

Sweetspot

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



14.2978, 0.3862, 0.2651



49.6014, 0.3289, 0.3096



11.9744, 0.2638, 0.1853



10.7632, 0.3311, 0.3072



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.



14.2978, 0.3862, 0.2651



21.4105, 0.4120, 0.2540



13.7255, 0.4590, 0.3316



7.1402, 0.3213, 0.3182



6.4954, 0.4992, 0.2524



0.1460, 0.4198, 0.2086

Inverse Universe

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



14.2978, 0.3862, 0.2651



21.4105, 0.4120, 0.2540



29.5385, 0.2459, 0.3263



7.1402, 0.3213, 0.3182



6.4954, 0.4992, 0.2524



0.1460, 0.4198, 0.2086

Previews

White Background



This preview shows how the Yxy color 14.2971, 0.3862, 0.2651 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 14.2971, 0.3862, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

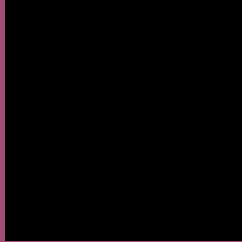
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2971, 0.3862, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 14.2971, 0.3862, 0.2651.



This preview shows how white text looks on a background with the Yxy color 14.2971, 0.3862, 0.2651.

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

14.2971, 0.3862, 0.2651

Protanopia

14.5060, 0.2665, 0.2647

Deuteranopia

14.4261, 0.3124, 0.3066



Tritanopia

14.2787, 0.4297, 0.3197

Trichromacy



Original Color

14.2971, 0.3862, 0.2651

Protanomaly

13.8611, 0.3030, 0.2624

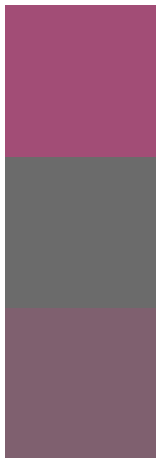
Deuteranomaly

14.0685, 0.3387, 0.2895

Tritanomaly

14.2785, 0.4130, 0.2988

Monochromacy



Original Color

14.2971, 0.3862, 0.2651

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.0255, 0.3381, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2971, 0.3862, 0.2651 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(162, 77, 118)` looks like.

```
.text, #text, p{  
    color:rgb(162, 77, 118)  
}
```

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(162, 77, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 77, 118) }
```

Border

The CSS property to change the border of an element to Yxy 14.2971, 0.3862, 0.2651 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(162, 77, 118) }
```

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

```
.border{ border-color:rgb(162, 77, 118) }
```

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

Here you see how a box with a 4 pixel rgb(162, 77, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 77, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 77, 118);  
box-shadow:4px 4px 4px 4px rgb(162, 77,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2971, 0.3862, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 77, 118) }
```

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

```
.background{ background-color: rgb(162, 77,  
118) }
```

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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