

Converting Colors

$Y_{xy}(14.2870, 0.4351, 0.2641)$

Have a look what the booklet for
Yxy(14.2870, 0.4351, 0.2641)
contains.

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Color

Yxy(14.2870, 0.4351, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	B53D6E
RGB	181, 61, 110
RGB Percent	71%, 24%, 43%
CMY	0.2902, 0.7607, 0.5686
CMYK	0.00, 0.66, 0.39, 0.29
HSL	335°, 50%, 47%
HSV	335°, 66%, 71%
XYZ	23.5376, 14.2870, 16.2724
YIQ	102.4660, 55.7910, 40.6790

Conversions

Conversions Part 2

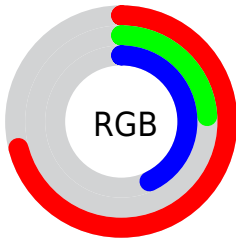
Format	Color
RYB	181, 61, 110
Decimal	11877742
CIELab	44.64, 52.60, -1.58
CIELCh	45, 52.624, 358.279
Yxy	14.2870, 0.4351, 0.2641
Android (android.graphics.Color)	4290067822 (0xFFB53D6E)
YUV	102.4660, 3.7143, 68.8743
Hunter-Lab	37.7981, 45.0083, 0.9340

Details

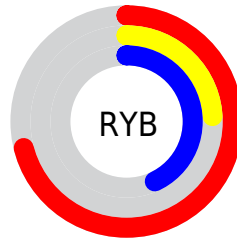
The Yxy color **14.2870, 0.4351, 0.2641** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **35.7011, 0.2634, 0.4159**, and the grayscale version is **13.3966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5893, 0.4056, 0.2803**, and **4.6440, 0.4855, 0.2448** is the 20% darker color. If you saturate the color by 10%, you get **12.4509, 0.4646, 0.2608**, and if you desaturate by 10%, it is **16.8048, 0.4079, 0.2710**.

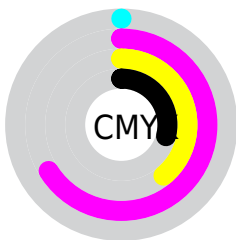
Distribution



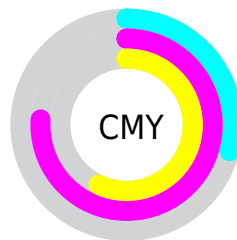
- Red (71%)
- Green (24%)
- Blue (43%)



- Red (71%)
- Yellow (24%)
- Blue (43%)



- Cyan (0%)
- Magenta (66%)
- Yellow (39%)
- Black (29%)




- Cyan (29%)
- Magenta (76%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2870, 0.4351, 0.2641 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 14.2870, 0.4351, 0.2641 by changing the saturation by 10% instead.


 14.2870, 0.4351,
0.2641


 14.2870, 0.4351,
0.2641


219.0090, 0.3628,
0.3022


 8.3205, 0.4581,
0.2522


 33.5974, 0.4055,
0.2796

 4.3007, 0.4912,
0.2351

 47.7101, 0.3955,
0.2849

 1.8432, 0.5427,
0.2089

 65.3071, 0.3874,
0.2891

 0.5139, 0.6457,
0.1538

 86.7727, 0.3807,
0.2927

 0.0000, 1.0000,
0.0000

 112.4913, 0.3751,
0.2956

 0.0000, 0.0000,
0.0000

142.8473, 0.3704,

0.2981

178.2251, 0.3663,
0.3003

■ 14.2870, 0.4351,
0.2641

■ 14.2870, 0.4351,
0.2641

■ 12.4509, 0.4646,
0.2608

■ 16.8048, 0.4079,
0.2710

■ 11.2244, 0.4947,
0.2621

■ 20.0619, 0.3838,
0.2803

■ 10.5166, 0.5235,
0.2686

■ 24.1127, 0.3631,
0.2907

■ 10.3155, 0.5340,
0.2716

■ 29.0055, 0.3456,
0.3017

■ 34.7848, 0.3311,
0.3125

■ 41.4921, 0.3191,
0.3228

■ 49.1661, 0.3093,
0.3325

■ 57.8433, 0.3012,
0.3416

■ 67.5584, 0.2945,
0.3499

Harmonies

Analogous

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



14.2870, 0.3229, 0.2114



14.2870, 0.4351, 0.2641



14.2870, 0.5116, 0.3298

Triad

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



14.2870, 0.4351, 0.2641



14.2870, 0.3720, 0.5287



14.2870, 0.1401, 0.2061

Complementary

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



14.2870, 0.4351, 0.2641



35.7011, 0.2634, 0.4159

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.



14.2870, 0.1471, 0.2780



14.2870, 0.4351, 0.2641



14.2870, 0.2741, 0.5066

Square

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



14.2870, 0.4351, 0.2641



14.2870, 0.4606, 0.4759



14.2870, 0.1919, 0.3961



14.2870, 0.1658, 0.1776

Rectangle

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



14.2870, 0.4351, 0.2641



14.2870, 0.5228, 0.3772



14.2870, 0.1919, 0.3961



14.2870, 0.1387, 0.2246

Sweetspot

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



14.2878, 0.4351, 0.2641



57.9213, 0.3367, 0.3081



11.5005, 0.2556, 0.1518



11.9048, 0.3407, 0.3051



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



14.2878, 0.4351, 0.2641



21.0651, 0.4798, 0.2608



14.6679, 0.5163, 0.3419



8.5609, 0.3225, 0.3197



7.1254, 0.5309, 0.2698



0.2359, 0.4584, 0.2299

Inverse Universe

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



14.2878, 0.4351, 0.2641



21.0651, 0.4798, 0.2608



33.4504, 0.2317, 0.3122



8.5609, 0.3225, 0.3197



7.1254, 0.5309, 0.2698



0.2359, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 14.2870, 0.4351, 0.2641 looks on a white background.

Color Contrast Check

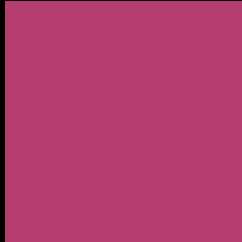
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2870, 0.4351, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

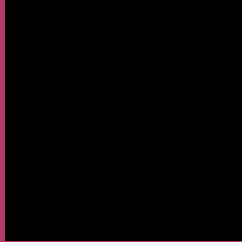
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2870, 0.4351, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 14.2870, 0.4351, 0.2641.



This preview shows how white text looks on a background with the Yxy color 14.2870, 0.4351, 0.2641.

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

14.2870, 0.4351, 0.2641

Protanopia

14.5348, 0.2654, 0.2629

Deuteranopia

14.4819, 0.3316, 0.3270



Tritanopia

14.2156, 0.4935, 0.3230

Trichromacy



Original Color

14.2870, 0.4351, 0.2641

Protanomaly

13.2925, 0.3161, 0.2567

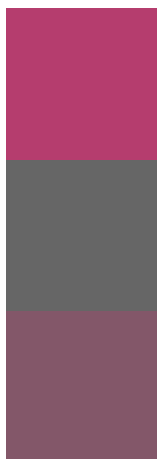
Deuteranomaly

13.5955, 0.3686, 0.2964

Tritanomaly

14.1683, 0.4735, 0.3014

Monochromacy



Original Color

14.2870, 0.4351, 0.2641

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.6616, 0.3564, 0.2946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2870, 0.4351, 0.2641 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(181, 61, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 61, 110)  
}
```

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(181, 61, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 61, 110) }
```

Border

The CSS property to change the border of an element to Yxy 14.2870, 0.4351, 0.2641 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(181, 61, 110) }
```

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

```
.border{ border-color:rgb(181, 61, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 61, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 61, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 61, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 61,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2870, 0.4351, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 61, 110) }
```

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

```
.background{ background-color: rgb(181, 61,  
110) }
```

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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