

Converting Colors

$Y_{xy}(14.4618, 0.4834, 0.2749)$

Have a look what the booklet for
Yxy(14.4618, 0.4834, 0.2749)
contains.

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Color

Yxy(14.5290, 0.4830, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	C23161
RGB	194, 49, 97
RGB Percent	76%, 19%, 38%
CMY	0.2393, 0.8077, 0.6197
CMYK	0.00, 0.75, 0.50, 0.24
HSL	340°, 60%, 48%
HSV	340°, 75%, 76%
XYZ	25.4997, 14.5290, 12.7657
YIQ	97.8270, 71.0120, 45.6680

Conversions

Conversions Part 2

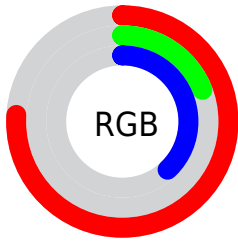
Format	Color
R_{YB}	194, 49, 97
Decimal	12726625
CIE _{Lab}	44.98, 59.63, 7.25
CIE _{LCh}	45, 60.065, 6.937
Yxy	14.5290, 0.4830, 0.2752
Android (android.graphics.Color)	4290916705 (0xFFC23161)
YUV	97.8270, -0.4077, 84.3437
Hunter-Lab	38.1169, 52.7093, 6.8251

Details

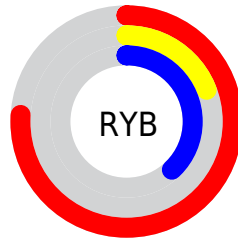
The Yxy color **14.5290, 0.4830, 0.2752** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **41.3052, 0.2552, 0.4095**, and the grayscale version is **12.1613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8820, 0.4422, 0.2894**, and **5.3073, 0.5392, 0.2744** is the 20% darker color. If you saturate the color by 10%, you get **13.0176, 0.5177, 0.2773**, and if you desaturate by 10%, it is **16.7798, 0.4489, 0.2774**.

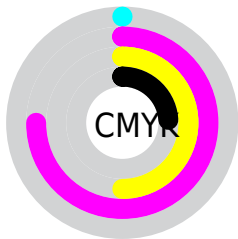
Distribution



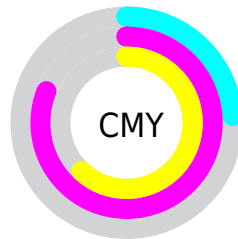
- Red (76%)
- Green (19%)
- Blue (38%)



- Red (76%)
- Yellow (19%)
- Blue (38%)



- Cyan (0%)
- Magenta (75%)
- Yellow (50%)
- Black (24%)




- Cyan (24%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5290, 0.4830, 0.2752 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 14.5290, 0.4830, 0.2752 by changing the saturation by 10% instead.


 14.5290, 0.4830,
0.2752


 14.5290, 0.4830,
0.2752


220.4974, 0.3820,
0.3090

 8.4895, 0.5148,
0.2636


 34.0248, 0.4418,
0.2896

 4.4097, 0.5600,
0.2462

 48.2498, 0.4277,
0.2943

 1.9053, 0.6282,
0.2184

 65.9722, 0.4164,
0.2980

 0.5516, 0.7994,
0.1716

 87.5762, 0.4070,
0.3011

 0.0000, 1.0000,
0.0000

 113.4464, 0.3992,
0.3036

 0.0000, 0.0000,
0.0000

 143.9670, 0.3926,

0.3056

179.5226, 0.3869,
0.3074

■ 14.5290, 0.4830,
0.2752

■ 14.5290, 0.4830,
0.2752

■ 13.0176, 0.5177,
0.2773

■ 16.7798, 0.4489,
0.2774

■ 12.1443, 0.5501,
0.2844

■ 19.8488, 0.4176,
0.2830

■ 11.8386, 0.5659,
0.2891

■ 23.8076, 0.3901,
0.2905

■ 28.7189, 0.3667,
0.2991

■ 34.6401, 0.3472,
0.3081

■ 41.6237, 0.3312,
0.3169

■ 49.7186, 0.3180,
0.3252

■ 58.9708, 0.3073,
0.3331

■ 69.4236, 0.2986,
0.3403

Harmonies

Analogous

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



14.5290, 0.3600, 0.2137



14.5290, 0.4830, 0.2752



14.5290, 0.5458, 0.3472

Triad

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



14.5290, 0.4830, 0.2752



14.5290, 0.3419, 0.5603



14.5290, 0.1285, 0.1791

Complementary

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



14.5290, 0.4830, 0.2752



41.3052, 0.2552, 0.4095

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.



14.5290, 0.1248, 0.2405



14.5290, 0.4830, 0.2752



14.5290, 0.2368, 0.5057

Square

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



14.5290, 0.4830, 0.2752



14.5290, 0.4454, 0.5096



14.5290, 0.1586, 0.3611



14.5290, 0.1658, 0.1607

Rectangle

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



14.5290, 0.4830, 0.2752



14.5290, 0.5395, 0.3990



14.5290, 0.1586, 0.3611



14.5290, 0.1236, 0.1939

Sweetspot

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



14.5298, 0.4830, 0.2752



65.5924, 0.3431, 0.3102



12.1752, 0.2602, 0.1400



13.6447, 0.3479, 0.3077



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



14.5298, 0.4830, 0.2752



22.4131, 0.5399, 0.2815



16.4803, 0.5425, 0.3549



10.1316, 0.3238, 0.3214



7.7991, 0.5624, 0.2872



0.3499, 0.4985, 0.2520

Inverse Universe

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



14.5298, 0.4830, 0.2752



22.4131, 0.5399, 0.2815



33.2317, 0.2210, 0.2898



10.1316, 0.3238, 0.3214



7.7991, 0.5624, 0.2872



0.3499, 0.4985, 0.2520

Previews

White Background



This preview shows how the Yxy color 14.5290, 0.4830, 0.2752 looks on a white background.

Color Contrast Check

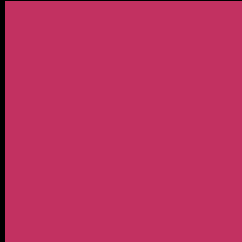
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5290, 0.4830, 0.2752 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 14.5290, 0.4830, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 14.5290, 0.4830, 0.2752.



This preview shows how white text looks on a background with the Yxy color 14.5290, 0.4830, 0.2752.

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

14.5290, 0.4830, 0.2752

Protanopia

14.7501, 0.2822, 0.2843

Deuteranopia

14.7238, 0.3620, 0.3552



Tritanopia

14.5695, 0.5400, 0.3265

Trichromacy



Original Color

14.5290, 0.4830, 0.2752

Protanomaly

13.0156, 0.3454, 0.2706

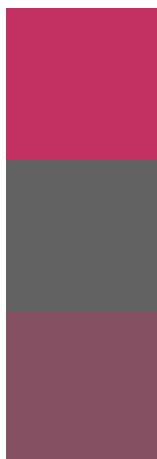
Deuteranomaly

13.3664, 0.4076, 0.3120

Tritanomaly

14.5642, 0.5216, 0.3089

Monochromacy



Original Color

14.5290, 0.4830, 0.2752

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.6057, 0.3746, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5290, 0.4830, 0.2752 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(194, 49, 97)` looks like.

```
.text, #text, p{  
    color:rgb(194, 49, 97)  
}
```

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(194, 49, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 49, 97) }
```

Border

The CSS property to change the border of an element to Yxy 14.5290, 0.4830, 0.2752 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(194, 49, 97) }
```

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

```
.border{ border-color:rgb(194, 49, 97) }
```

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

Here you see how a box with a 4 pixel rgb(194, 49, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 49, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 49, 97);  
box-shadow:4px 4px 4px 4px rgb(194, 49,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5290, 0.4830, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 49, 97) }
```

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

```
.background{ background-color: rgb(194, 49,  
97) }
```

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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