

Converting Colors

$Y_{xy}(14.2464, 0.4951, 0.2873)$

Have a look what the booklet for
Yxy(14.2464, 0.4951, 0.2873)
contains.

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Color

Yxy(14.2369, 0.4954, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	BF3458
RGB	191, 52, 88
RGB Percent	75%, 20%, 35%
CMY	0.2510, 0.7960, 0.6549
CMYK	0.00, 0.73, 0.54, 0.25
HSL	344°, 57%, 48%
HSV	344°, 73%, 75%
XYZ	24.4725, 14.2369, 10.6900
YIQ	97.6650, 71.2880, 40.6640

Conversions

Conversions Part 2

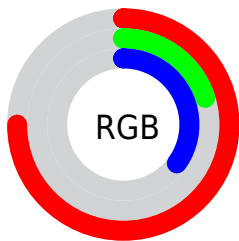
Format	Color
R_{YB}	191, 52, 88
Decimal	12530776
CIE _{Lab}	44.57, 57.01, 12.17
CIE _{LCh}	45, 58.293, 12.048
Yxy	14.2369, 0.4954, 0.2882
Android (android.graphics.Color)	4290720856 (0xFFBF3458)
YUV	97.6650, -4.7648, 81.8548
Hunter-Lab	37.7318, 49.7425, 9.6145

Details

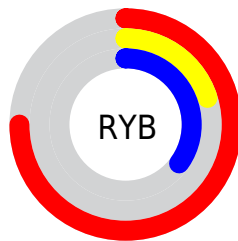
The Yxy color **14.2369, 0.4954, 0.2882** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **40.3531, 0.2502, 0.3889**, and the grayscale version is **12.1286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4677, 0.4501, 0.3001**, and **4.9997, 0.5588, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **12.6507, 0.5337, 0.2903**, and if you desaturate by 10%, it is **16.5597, 0.4577, 0.2898**.

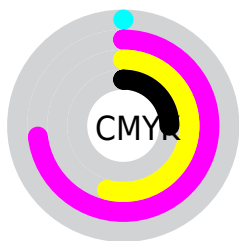
Distribution



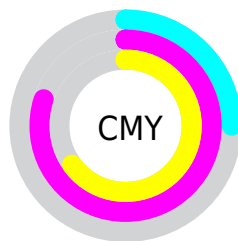
- Red (75%)
- Green (20%)
- Blue (35%)



- Red (75%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (73%)
- Yellow (54%)
- Black (25%)





- Cyan (25%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2369, 0.4954, 0.2882 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 14.2369, 0.4954, 0.2882 by changing the saturation by 10% instead.


 14.2369, 0.4954,
0.2882


 14.2369, 0.4954,
0.2882


218.6997, 0.3864,
0.3158


 8.2856, 0.5298,
0.2776


 33.5088, 0.4508,
0.3006


 4.2782, 0.5786,
0.2611

 47.5982, 0.4356,
0.3045


 1.8304, 0.6515,
0.2331

 65.1691, 0.4234,
0.3075

 0.5060, 0.8229,
0.1771

 86.6058, 0.4133,
0.3099

 0.0000, 1.0000,
0.0000

 112.2929, 0.4049,
0.3118

 0.0000, 0.0000,
0.0000

 142.6146, 0.3978,

0.3134

177.9554, 0.3917,
0.3147

■ 14.2369, 0.4954,
0.2882

■ 14.2369, 0.4954,
0.2882

■ 12.6507, 0.5337,
0.2903

■ 16.5597, 0.4577,
0.2898

■ 11.7070, 0.5688,
0.2967

■ 19.6934, 0.4231,
0.2942

■ 11.2999, 0.5907,
0.3028

■ 23.7057, 0.3931,
0.3002

■ 28.6564, 0.3678,
0.3070

■ 34.6004, 0.3470,
0.3140

■ 41.5879, 0.3299,
0.3208

■ 49.6660, 0.3161,
0.3273

■ 58.8788, 0.3048,
0.3333

■ 69.2680, 0.2956,
0.3388

Harmonies

Analogous

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



14.2369, 0.3809, 0.2249



14.2369, 0.4954, 0.2882



14.2369, 0.5430, 0.3606

Triad

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



14.2369, 0.4954, 0.2882



14.2369, 0.3242, 0.5546



14.2369, 0.1352, 0.1762

Complementary

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



14.2369, 0.4954, 0.2882



40.3531, 0.2502, 0.3889

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.



14.2369, 0.1261, 0.2286



14.2369, 0.4954, 0.2882



14.2369, 0.2230, 0.4802

Square

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



14.2369, 0.4954, 0.2882



14.2369, 0.4277, 0.5193



14.2369, 0.1529, 0.3368



14.2369, 0.1783, 0.1636

Rectangle

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



14.2369, 0.4954, 0.2882



14.2369, 0.5288, 0.4127



14.2369, 0.1529, 0.3368



14.2369, 0.1286, 0.1885

Sweetspot

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



14.2377, 0.4954, 0.2882



62.4540, 0.3462, 0.3143



13.0829, 0.2734, 0.1494



13.0280, 0.3515, 0.3124



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



14.2377, 0.4954, 0.2882



21.5815, 0.5541, 0.2934



17.7339, 0.5231, 0.3665



9.5758, 0.3249, 0.3231



7.4388, 0.5874, 0.3009



0.3025, 0.5172, 0.2623

Inverse Universe

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



14.2377, 0.4954, 0.2882



21.5815, 0.5541, 0.2934



29.1379, 0.2184, 0.2750



9.5758, 0.3249, 0.3231



7.4388, 0.5874, 0.3009



0.3025, 0.5172, 0.2623

Previews

White Background



This preview shows how the Yxy color 14.2369, 0.4954, 0.2882 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 14.2369, 0.4954, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

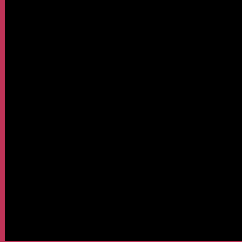
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2369, 0.4954, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 14.2369, 0.4954, 0.2882.



This preview shows how white text looks on a background with the Yxy color 14.2369, 0.4954, 0.2882.

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

14.2369, 0.4954, 0.2882

Protanopia

14.6100, 0.3014, 0.3102

Deuteranopia

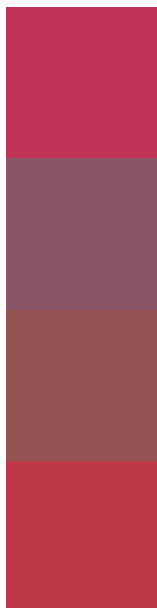
14.4568, 0.3772, 0.3711



Tritanopia

14.3102, 0.5382, 0.3265

Trichromacy



Original Color

14.2369, 0.4954, 0.2882

Protanomaly

12.9939, 0.3663, 0.2939

Deuteranomaly

13.3703, 0.4228, 0.3293

Tritanomaly

14.2304, 0.5231, 0.3130

Monochromacy



Original Color

14.2369, 0.4954, 0.2882

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.5985, 0.3796, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2369, 0.4954, 0.2882 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(191, 52, 88)` looks like.

```
.text, #text, p{  
    color:rgb(191, 52, 88)  
}
```

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(191, 52, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 52, 88) }
```

Border

The CSS property to change the border of an element to Yxy 14.2369, 0.4954, 0.2882 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(191, 52, 88) }
```

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

```
.border{ border-color:rgb(191, 52, 88) }
```

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

Here you see how a box with a 4 pixel rgb(191, 52, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 52, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 52, 88);  
box-shadow:4px 4px 4px 4px rgb(191, 52,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2369, 0.4954, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 52, 88) }
```

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

```
.background{ background-color: rgb(191, 52,  
88) }
```

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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