

Converting Colors

$Y_{xy}(10.4508, 0.5019, 0.2911)$

Have a look what the booklet for
Yxy(10.4508, 0.5019, 0.2911)
contains.

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Color

Yxy(10.4243, 0.5030, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	A72B49
RGB	167, 43, 73
RGB Percent	65%, 17%, 29%
CMY	0.3450, 0.8315, 0.7137
CMYK	0.00, 0.74, 0.56, 0.35
HSL	345°, 59%, 41%
HSV	345°, 74%, 65%
XYZ	18.0063, 10.4243, 7.3672
YIQ	83.4960, 64.2740, 35.6180

Conversions

Conversions Part 2

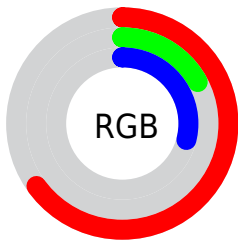
Format	Color
RYB	167, 43, 73
Decimal	10955593
CIELab	38.59, 51.85, 12.63
CIElCh	39, 53.365, 13.689
Yxy	10.4243, 0.5030, 0.2912
Android (android.graphics.Color)	4289145673 (0xFFA72B49)
YUV	83.4960, -5.1745, 73.2330
Hunter-Lab	32.2867, 43.0476, 9.0719

Details

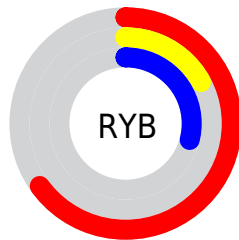
The Yxy color **10.4243, 0.5030, 0.2912** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **29.9640, 0.2487, 0.3855**, and the grayscale version is **8.7559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.6350, 0.4531, 0.3049**, and **3.3449, 0.5730, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **9.2987, 0.5415, 0.2938**, and if you desaturate by 10%, it is **12.0824, 0.4646, 0.2923**.

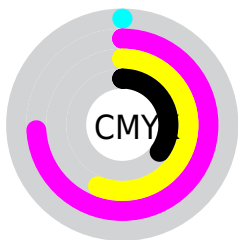
Distribution



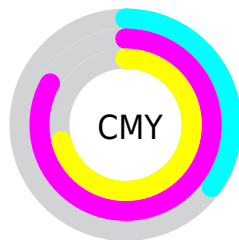
- Red (65%)
- Green (17%)
- Blue (29%)



- Red (65%)
- Yellow (17%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (56%)
- Black (35%)





- Cyan (35%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4243, 0.5030, 0.2912 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 10.4243, 0.5030, 0.2912 by changing the saturation by 10% instead.


 10.4243, 0.5030,
0.2912


 10.4243, 0.5030,
0.2912


193.6741, 0.3848,
0.3185


 5.6812, 0.5433,
0.2792

 26.5906, 0.4528,
0.3042


 2.6522, 0.6028,
0.2591

 38.7825, 0.4363,
0.3081

 0.9530, 0.7301,
0.2326


 54.2262, 0.4232,
0.3109

 0.0000, 1.0000,
0.0000

 73.3059, 0.4126,
0.3132

 0.0000, 0.0000,
0.0000

 96.4062, 0.4038,
0.3149

 123.9114, 0.3964,

0.3164

156.2059, 0.3902,
0.3175

■ 10.4243, 0.5030,
0.2912

■ 10.4243, 0.5030,
0.2912

■ 9.2987, 0.5415,
0.2938

■ 12.0824, 0.4646,
0.2923

■ 8.6364, 0.5761,
0.3002

■ 14.3272, 0.4291,
0.2960

■ 8.3739, 0.5937,
0.3044

■ 17.2083, 0.3981,
0.3014

■ 20.7694, 0.3719,
0.3076

■ 25.0504, 0.3502,
0.3141

■ 30.0880, 0.3325,
0.3205

■ 35.9166, 0.3180,
0.3265

■ 42.5683, 0.3063,
0.3322

■ 50.0734, 0.2967,
0.3373

Harmonies

Analogous

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



10.4243, 0.3889, 0.2266



10.4243, 0.5030, 0.2912



10.4243, 0.5462, 0.3644

Triad

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



10.4243, 0.5030, 0.2912



10.4243, 0.3178, 0.5575



10.4243, 0.1348, 0.1727

Complementary

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



10.4243, 0.5030, 0.2912



29.9640, 0.2487, 0.3855

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.



10.4243, 0.1237, 0.2227



10.4243, 0.5030, 0.2912



10.4243, 0.2165, 0.4757

Square

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



10.4243, 0.5030, 0.2912



10.4243, 0.4230, 0.5252



10.4243, 0.1482, 0.3291



10.4243, 0.1801, 0.1620

Rectangle

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



10.4243, 0.5030, 0.2912



10.4243, 0.5287, 0.4173



10.4243, 0.1482, 0.3291



10.4243, 0.1275, 0.1843

Sweetspot

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



10.4249, 0.5030, 0.2912



46.4337, 0.3466, 0.3153



9.7519, 0.2758, 0.1495



9.9037, 0.3516, 0.3137



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



10.4249, 0.5030, 0.2912



15.8093, 0.5642, 0.2974



13.2879, 0.5234, 0.3694



7.5710, 0.3249, 0.3236



6.4128, 0.5914, 0.3031



0.1638, 0.5028, 0.2544

Inverse Universe

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



10.4249, 0.5030, 0.2912



15.8093, 0.5642, 0.2974



20.9149, 0.2167, 0.2702



7.5710, 0.3249, 0.3236



6.4128, 0.5914, 0.3031



0.1638, 0.5028, 0.2544

Previews

White Background



This preview shows how the Yxy color 10.4243, 0.5030, 0.2912 looks on a white background.

Color Contrast Check

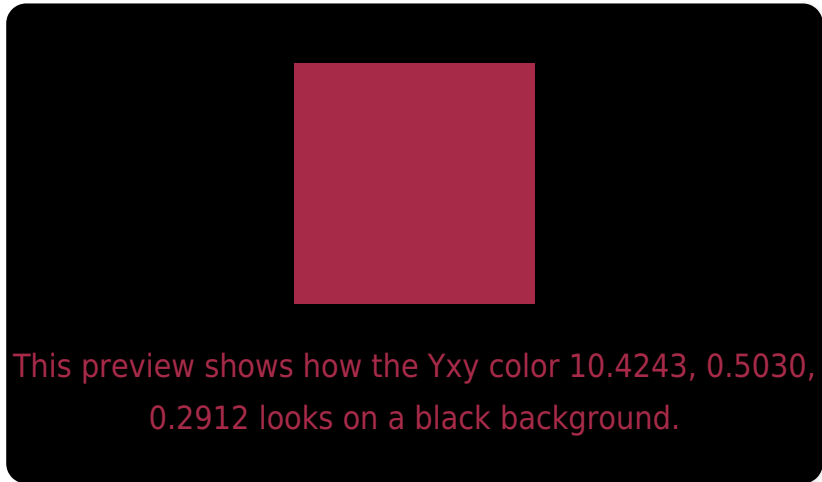
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

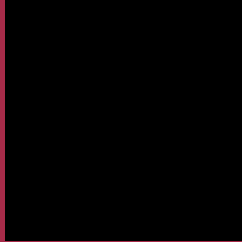
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.4243, 0.5030, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 10.4243, 0.5030, 0.2912.



This preview shows how white text looks on a background with the Yxy color 10.4243, 0.5030, 0.2912.

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

10.4243, 0.5030, 0.2912

Protanopia

10.6205, 0.3056, 0.3147

Deuteranopia

10.6359, 0.3828, 0.3766



Tritanopia

10.4512, 0.5436, 0.3273

Trichromacy



Original Color

10.4243, 0.5030, 0.2912

Protanomaly

9.5241, 0.3718, 0.2996

Deuteranomaly

9.8102, 0.4304, 0.3352

Tritanomaly

10.3665, 0.5306, 0.3149

Monochromacy



Original Color

10.4243, 0.5030, 0.2912

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

8.2762, 0.3839, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4243, 0.5030, 0.2912 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(167, 43, 73)` looks like.

```
.text, #text, p{  
  color:rgb(167, 43, 73)  
}
```

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(167, 43, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 43, 73) }
```

Border

The CSS property to change the border of an element to Yxy 10.4243, 0.5030, 0.2912 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(167, 43, 73) }
```

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

```
.border{ border-color:rgb(167, 43, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 43, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 43, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 43, 73);  
box-shadow:4px 4px 4px 4px rgb(167, 43,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4243, 0.5030, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 43, 73) }
```

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

```
.background{ background-color: rgb(167, 43,  
73) }
```

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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