

Converting Colors

$Y_{xy}(10.9383, 0.4602, 0.2707)$

Have a look what the booklet for
Yxy(10.9383, 0.4602, 0.2707)
contains.

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Color

Yxy(10.9591, 0.4612, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	A6305A
RGB	166, 48, 90
RGB Percent	65%, 19%, 35%
CMY	0.3490, 0.8118, 0.6471
CMYK	0.00, 0.71, 0.46, 0.35
HSL	339°, 55%, 42%
HSV	339°, 71%, 65%
XYZ	18.6301, 10.9591, 10.8056
YIQ	88.0700, 56.8460, 38.0780

Conversions

Conversions Part 2

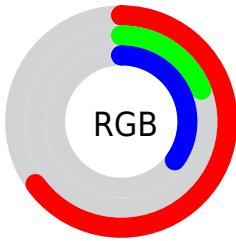
Format	Color
R_{YB}	166, 48, 90
Decimal	10891354
CIE _{Lab}	39.51, 51.17, 3.11
CIE _{LCh}	40, 51.265, 3.482
Yxy	10.9591, 0.4612, 0.2713
Android (android.graphics.Color)	4289081434 (0xFFA6305A)
YUV	88.0700, 0.9515, 68.3446
Hunter-Lab	33.1045, 42.5206, 3.8204

Details

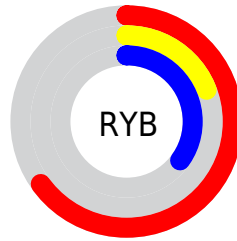
The Yxy color **10.9591, 0.4612, 0.2713** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29.3603, 0.2582, 0.4100**, and the grayscale version is **9.7631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6015, 0.4223, 0.2868**, and **3.4407, 0.5211, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **9.6778, 0.4941, 0.2709**, and if you desaturate by 10%, it is **12.7759, 0.4299, 0.2756**.

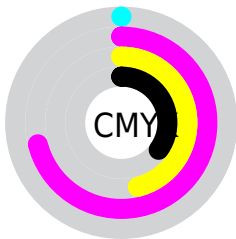
Distribution



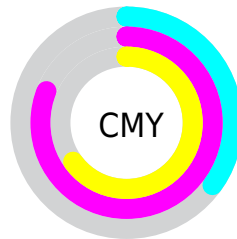
- Red (65%)
- Green (19%)
- Blue (35%)



- Red (65%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (46%)
- Black (35%)





- Cyan (35%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9591, 0.4612, 0.2713 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 10.9591, 0.4612, 0.2713 by changing the saturation by 10% instead.


 10.9591, 0.4612,
0.2713


 10.9591, 0.4612,
0.2713

197.3867, 0.3699,
0.3076


 6.0393, 0.4924,
0.2584

 27.5845, 0.4226,
0.2869


 2.8690, 0.5390,
0.2387

 40.0590, 0.4099,
0.2920


 1.0637, 0.6149,
0.2056

 55.8204, 0.3998,
0.2959

 0.0000, 1.0000,
0.0000

 75.2533, 0.3915,
0.2992

 0.0000, 0.0000,
0.0000

 98.7419, 0.3847,
0.3018

 126.6708, 0.3790,

0.3040

159.4243, 0.3741,
0.3059

■ 10.9591, 0.4612,
0.2713

■ 10.9591, 0.4612,
0.2713

■ 9.6778, 0.4941,
0.2709

■ 12.7759, 0.4299,
0.2756

■ 8.8689, 0.5265,
0.2753

■ 15.1783, 0.4018,
0.2827

■ 8.4249, 0.5534,
0.2822

■ 18.2125, 0.3774,
0.2913

■ 21.9198, 0.3568,
0.3007

■ 26.3376, 0.3396,
0.3102

■ 31.5009, 0.3255,
0.3194

■ 37.4421, 0.3138,
0.3281

■ 44.1919, 0.3043,
0.3362

■ 51.7791, 0.2965,
0.3436

Harmonies

Analogous

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



10.9591, 0.3437, 0.2137



10.9591, 0.4612, 0.2713



10.9591, 0.5299, 0.3405

Triad

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



10.9591, 0.4612, 0.2713



10.9591, 0.3549, 0.5446



10.9591, 0.1345, 0.1913

Complementary

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



10.9591, 0.4612, 0.2713



29.3603, 0.2582, 0.4100

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.



10.9591, 0.1352, 0.2568



10.9591, 0.4612, 0.2713



10.9591, 0.2533, 0.5047

Square

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



10.9591, 0.4612, 0.2713



10.9591, 0.4516, 0.4942



10.9591, 0.1736, 0.3759



10.9591, 0.1668, 0.1688

Rectangle

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



10.9591, 0.4612, 0.2713



10.9591, 0.5314, 0.3901



10.9591, 0.1736, 0.3759



10.9591, 0.1310, 0.2075

Sweetspot

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



10.9597, 0.4612, 0.2713



47.5336, 0.3401, 0.3099



9.0586, 0.2587, 0.1458



10.1357, 0.3444, 0.3074



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.



10.9597, 0.4612, 0.2713



16.6577, 0.5121, 0.2727



11.9579, 0.5288, 0.3498



7.5848, 0.3232, 0.3210



6.5403, 0.5511, 0.2809



0.1689, 0.4617, 0.2317

Inverse Universe

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



10.9597, 0.4612, 0.2713



16.6577, 0.5121, 0.2727



25.2827, 0.2260, 0.2999



7.5848, 0.3232, 0.3210



6.5403, 0.5511, 0.2809



0.1689, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 10.9591, 0.4612, 0.2713 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 10.9591, 0.4612, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

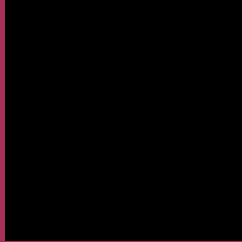
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9591, 0.4612, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 10.9591, 0.4612, 0.2713.



This preview shows how white text looks on a background with the Yxy color 10.9591, 0.4612, 0.2713.

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

10.9591, 0.4612, 0.2713

Protanopia

11.2135, 0.2762, 0.2769

Deuteranopia

11.2481, 0.3497, 0.3449



Tritanopia

10.9304, 0.5196, 0.3257

Trichromacy



Original Color

10.9591, 0.4612, 0.2713

Protanomaly

10.1512, 0.3328, 0.2672

Deuteranomaly

10.2932, 0.3911, 0.3073

Tritanomaly

10.8975, 0.4999, 0.3052

Monochromacy



Original Color

10.9591, 0.4612, 0.2713

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.1994, 0.3648, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9591, 0.4612, 0.2713 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(166, 48, 90)` looks like.

```
.text, #text, p{  
    color:rgb(166, 48, 90)  
}
```

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(166, 48, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 48, 90) }
```

Border

The CSS property to change the border of an element to Yxy 10.9591, 0.4612, 0.2713 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(166, 48, 90) }
```

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

```
.border{ border-color:rgb(166, 48, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 48, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 48, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 48, 90);  
box-shadow:4px 4px 4px 4px rgb(166, 48,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9591, 0.4612, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 48, 90) }
```

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

```
.background{ background-color: rgb(166, 48,  
90) }
```

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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