

Converting Colors

$Yxy(10.9315, 0.5424, 0.2761)$

Have a look what the booklet for
Yxy(10.9315, 0.5424, 0.2761)
contains.

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Color

Yxy(10.9070, 0.5432, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	BA0048
RGB	186, 0, 72
RGB Percent	73%, 0%, 28%
CMY	0.2706, 0.9999, 0.7177
CMYK	0.00, 1.00, 0.61, 0.27
HSL	337°, 100%, 36%
HSV	337°, 100%, 73%
XYZ	21.4197, 10.9070, 7.1057
YIQ	63.8220, 87.7440, 61.8240

Conversions

Conversions Part 2

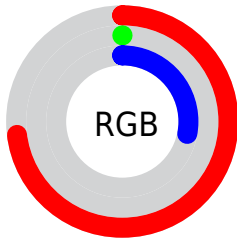
Format	Color
RYB	186, 0, 72
Decimal	12189768
CIELab	39.42, 65.38, 15.04
CIElCh	39, 67.084, 12.952
Yxy	10.9070, 0.5432, 0.2766
Android (android.graphics.Color)	4290379848 (0xFFBA0048)
YUV	63.8220, 4.0318, 107.1501
Hunter-Lab	33.0257, 57.9756, 10.3614

Details

The Yxy color **10.9070, 0.5432, 0.2766** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **36.3346, 0.2614, 0.4612**, and the grayscale version is **5.0850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4990, 0.4839, 0.2945**, and **4.4487, 0.5908, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **10.9070, 0.5432, 0.2766**, and if you desaturate by 10%, it is **11.5231, 0.5140, 0.2686**.

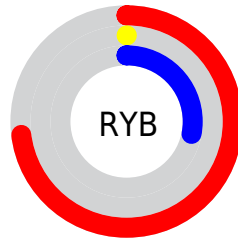
Distribution



Red (73%)

Green (0%)

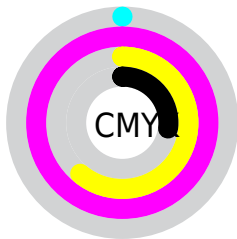
Blue (28%)



Red (73%)

Yellow (0%)

Blue (28%)

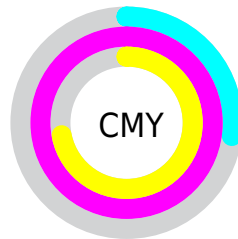


Cyan (0%)

Magenta (100%)

Yellow (61%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9070, 0.5432, 0.2766 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 10.9070, 0.5432, 0.2766 by changing the saturation by 10% instead.


 10.9070, 0.5432,
0.2766


 10.9070, 0.5432,
0.2766


197.0284, 0.4019,
0.3140


 6.0043, 0.5890,
0.2611

 27.4881, 0.4844,
0.2941

 2.8477, 0.6538,
0.2361

 39.9353, 0.4646,
0.2994


 1.0528, 0.7817,
0.2021

 55.6661, 0.4489,
0.3034

 0.0000, 1.0000,
0.0000

 75.0649, 0.4360,
0.3065

 0.0000, 0.0000,
0.0000

 98.5162, 0.4253,
0.3089

 126.4042, 0.4163,

0.3110

159.1135, 0.4086,
0.3126

■ 10.9070, 0.5432,
0.2766

■ 11.5231, 0.5140,
0.2686

■ 12.5990, 0.4829,
0.2648

■ 14.2955, 0.4516,
0.2660

■ 16.6924, 0.4221,
0.2713

■ 19.8575, 0.3956,
0.2793

■ 23.8506, 0.3726,
0.2889

■ 28.7254, 0.3532,
0.2992

■ 34.5310, 0.3370,
0.3095

■ 41.3130, 0.3237,
0.3195

Harmonies

Analogous

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



10.9070, 0.4001, 0.2062



10.9070, 0.5432, 0.2766



10.9070, 0.5906, 0.3546

Triad

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



10.9070, 0.5432, 0.2766



10.9070, 0.3088, 0.6144



10.9070, 0.1078, 0.1467

Complementary

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



10.9070, 0.5432, 0.2766



36.3346, 0.2614, 0.4612

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.



10.9070, 0.0954, 0.2002



10.9070, 0.5432, 0.2766



10.9070, 0.1940, 0.5215

Square

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



10.9070, 0.5432, 0.2766



10.9070, 0.4348, 0.5560



10.9070, 0.1193, 0.3276



10.9070, 0.1555, 0.1362

Rectangle

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



10.9070, 0.5432, 0.2766



10.9070, 0.5642, 0.4139



10.9070, 0.1193, 0.3276



10.9070, 0.1001, 0.1586

Sweetspot

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



10.9077, 0.5432, 0.2766



51.5752, 0.3541, 0.2986



6.9650, 0.2231, 0.1003



10.4968, 0.3620, 0.2942



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



10.9077, 0.5432, 0.2766



19.7251, 0.5473, 0.2789



10.8925, 0.6321, 0.3363



9.0682, 0.3229, 0.3202



7.3514, 0.5399, 0.2748



0.2714, 0.4705, 0.2365

Inverse Universe

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



10.9077, 0.5432, 0.2766



19.7251, 0.5473, 0.2789



31.3313, 0.2159, 0.2973



9.0682, 0.3229, 0.3202



7.3514, 0.5399, 0.2748



0.2714, 0.4705, 0.2365

Previews

White Background



This preview shows how the Yxy color 10.9070, 0.5432, 0.2766 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 10.9070, 0.5432, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

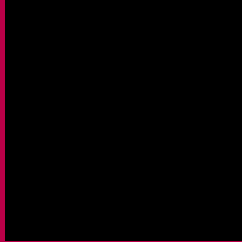
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9070, 0.5432, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 10.9070, 0.5432, 0.2766.



This preview shows how white text looks on a background with the Yxy color 10.9070, 0.5432, 0.2766.

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

10.9070, 0.5432, 0.2766

Protanopia

11.5840, 0.2974, 0.3061

Deuteranopia

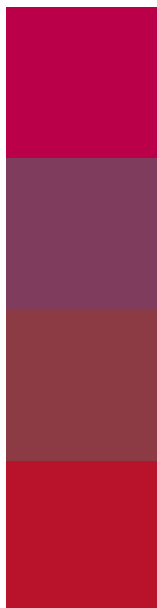
11.4297, 0.3937, 0.3877



Tritanopia

11.2721, 0.6065, 0.3311

Trichromacy



Original Color

10.9070, 0.5432, 0.2766

Protanomaly

8.5341, 0.3830, 0.2648

Deuteranomaly

9.0068, 0.4650, 0.3139

Tritanomaly

10.9213, 0.5922, 0.3131

Monochromacy



Original Color

10.9070, 0.5432, 0.2766

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.1793, 0.4193, 0.2718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9070, 0.5432, 0.2766 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(186, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 72)  
}
```

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(186, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 72) }
```

Border

The CSS property to change the border of an element to Yxy 10.9070, 0.5432, 0.2766 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(186, 0, 72) }
```

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

```
.border{ border-color:rgb(186, 0, 72) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 72)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9070, 0.5432, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 72) }
```

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

```
.background{ background-color: rgb(186, 0,  
72) }
```

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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