

Converting Colors

$Y_{xy}(10.6519, 0.5338, 0.2714)$

Have a look what the booklet for
Yxy(10.6519, 0.5338, 0.2714)
contains.

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Color

Yxy(10.6983, 0.5346, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	B8004B
RGB	184, 0, 75
RGB Percent	72%, 0%, 29%
CMY	0.2785, 0.9996, 0.7059
CMYK	0.00, 1.00, 0.59, 0.28
HSL	336°, 100%, 36%
HSV	336°, 100%, 72%
XYZ	21.0346, 10.6983, 7.6135
YIQ	63.5660, 85.5890, 62.3330

Conversions

Conversions Part 2

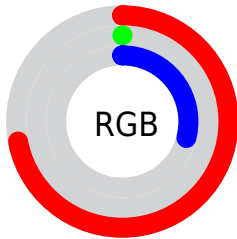
Format	Color
RYB	184, 0, 75
Decimal	12058699
CIELab	39.07, 65.08, 12.55
CIELCh	39, 66.276, 10.914
Yxy	10.6983, 0.5346, 0.2719
Android (android.graphics.Color)	4290248779 (0xFFB8004B)
YUV	63.5660, 5.6370, 105.6206
Hunter-Lab	32.7083, 57.5535, 9.0948

Details

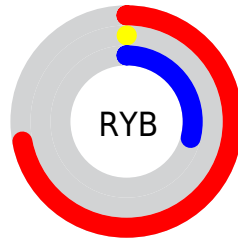
The Yxy color **10.6983, 0.5346, 0.2719** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **35.3816, 0.2634, 0.4683**, and the grayscale version is **5.0503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0575, 0.4782, 0.2901**, and **4.3152, 0.5813, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **10.6956, 0.5348, 0.2720**, and if you desaturate by 10%, it is **11.3082, 0.5062, 0.2642**.

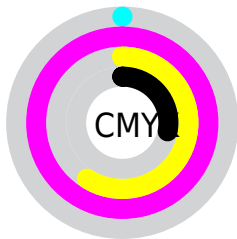
Distribution



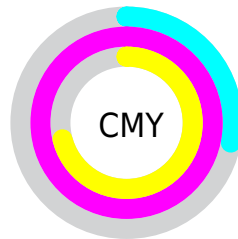
- Red (72%)
- Green (0%)
- Blue (29%)



- Red (72%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (28%)





- Cyan (28%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6983, 0.5346, 0.2719 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 10.6983, 0.5346, 0.2719 by changing the saturation by 10% instead.

 10.6983, 0.5346,
0.2719


 10.6983, 0.5346,
0.2719


195.5858, 0.3982,
0.3113


 5.8643, 0.5794,
0.2562

 27.1009, 0.4776,
0.2899


 2.7628, 0.6434,
0.2312

 39.4384, 0.4585,
0.2955


 1.0092, 0.7631,
0.1952


 55.0457, 0.4433,
0.2997

 0.0000, 1.0000,
0.0000

 74.3075, 0.4309,
0.3031

 0.0000, 0.0000,
0.0000

 97.6080, 0.4206,
0.3057

 125.3316, 0.4120,

0.3079

157.8628, 0.4046,
0.3098

■ 10.6983, 0.5346,
0.2719

■ 10.6983, 0.5346,
0.2719

■ 10.6956, 0.5348,
0.2720

■ 11.3082, 0.5062,
0.2642

■ 12.3655, 0.4762,
0.2609

■ 14.0269, 0.4462,
0.2626

■ 16.3697, 0.4179,
0.2683

■ 19.4599, 0.3925,
0.2768

■ 23.3554, 0.3705,
0.2869

■ 28.1083, 0.3518,
0.2977

■ 33.7665, 0.3362,
0.3086

■ 40.3742, 0.3233,
0.3191

Harmonies

Analogous

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



10.6983, 0.3887, 0.2026



10.6983, 0.5346, 0.2719



10.6983, 0.5898, 0.3494

Triad

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



10.6983, 0.5346, 0.2719



10.6983, 0.3175, 0.6122



10.6983, 0.1066, 0.1495

Complementary

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



10.6983, 0.5346, 0.2719



35.3816, 0.2634, 0.4683

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.



10.6983, 0.0965, 0.2068



10.6983, 0.5346, 0.2719



10.6983, 0.2017, 0.5320

Square

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



10.6983, 0.5346, 0.2719



10.6983, 0.4431, 0.5487



10.6983, 0.1235, 0.3397



10.6983, 0.1515, 0.1366

Rectangle

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



10.6983, 0.5346, 0.2719



10.6983, 0.5674, 0.4075



10.6983, 0.1235, 0.3397



10.6983, 0.0996, 0.1624

Sweetspot

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



10.6990, 0.5346, 0.2719



50.4354, 0.3527, 0.2971



6.6113, 0.2196, 0.0984



10.0619, 0.3602, 0.2925



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



10.6990, 0.5346, 0.2719



19.3477, 0.5388, 0.2742



10.5428, 0.6336, 0.3350



9.0712, 0.3226, 0.3197



7.3860, 0.5316, 0.2702



0.2727, 0.4644, 0.2332

Inverse Universe

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



10.6990, 0.5346, 0.2719



19.3477, 0.5388, 0.2742



31.7112, 0.2174, 0.3027



9.0712, 0.3226, 0.3197



7.3860, 0.5316, 0.2702



0.2727, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 10.6983, 0.5346, 0.2719 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 10.6983, 0.5346, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

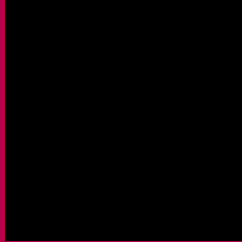
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6983, 0.5346, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 10.6983, 0.5346, 0.2719.



This preview shows how white text looks on a background with the Yxy color 10.6983, 0.5346, 0.2719.

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

10.6983, 0.5346, 0.2719

Protanopia

11.3848, 0.2893, 0.2947

Deuteranopia

11.3981, 0.3872, 0.3817



Tritanopia

10.9575, 0.6035, 0.3312

Trichromacy



Original Color

10.6983, 0.5346, 0.2719

Protanomaly

8.4548, 0.3708, 0.2563

Deuteranomaly

8.9573, 0.4567, 0.3084

Tritanomaly

10.7225, 0.5875, 0.3113

Monochromacy



Original Color

10.6983, 0.5346, 0.2719

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.1914, 0.4164, 0.2695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6983, 0.5346, 0.2719 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(184, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 75)  
}
```

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(184, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 75) }
```

Border

The CSS property to change the border of an element to Yxy 10.6983, 0.5346, 0.2719 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(184, 0, 75) }
```

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

```
.border{ border-color:rgb(184, 0, 75) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 75);  
box-shadow:4px 4px 4px 4px rgb(184, 0, 75)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6983, 0.5346, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 75) }
```

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

```
.background{ background-color: rgb(184, 0,  
75) }
```

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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