

Converting Colors

$Y_{xy}(10.9765, 0.5351, 0.2721)$

Have a look what the booklet for
Yxy(10.9765, 0.5351, 0.2721)
contains.

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Color

Yxy(10.9609, 0.5344, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	BA004C
RGB	186, 0, 76
RGB Percent	73%, 0%, 30%
CMY	0.2707, 0.9995, 0.7020
CMYK	0.00, 1.00, 0.59, 0.27
HSL	336°, 100%, 36%
HSV	336°, 100%, 73%
XYZ	21.5508, 10.9609, 7.8154
YIQ	64.2780, 86.4600, 63.0680

Conversions

Conversions Part 2

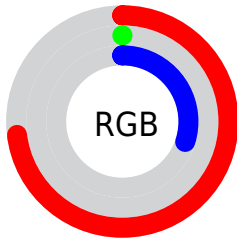
Format	Color
RYB	186, 0, 76
Decimal	12189772
CIELab	39.51, 65.60, 12.60
CIELCh	40, 66.803, 10.869
Yxy	10.9609, 0.5344, 0.2718
Android (android.graphics.Color)	4290379852 (0xFFBA004C)
YUV	64.2780, 5.7789, 106.7502
Hunter-Lab	33.1072, 58.2549, 9.1789

Details

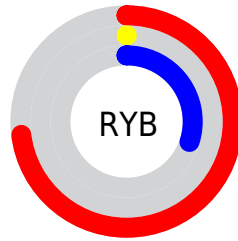
The Yxy color **10.9609, 0.5344, 0.2718** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **36.2399, 0.2635, 0.4686**, and the grayscale version is **5.1642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5982, 0.4781, 0.2904**, and **4.4698, 0.5805, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **10.9574, 0.5346, 0.2719**, and if you desaturate by 10%, it is **11.5819, 0.5060, 0.2641**.

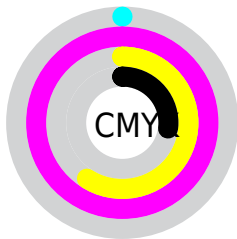
Distribution



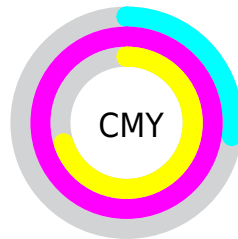
- Red (73%)
- Green (0%)
- Blue (30%)



- Red (73%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (27%)




- Cyan (27%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9609, 0.5344, 0.2718 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 10.9609, 0.5344, 0.2718 by changing the saturation by 10% instead.


 10.9609, 0.5344,
0.2718


 10.9609, 0.5344,
0.2718


197.3991, 0.3986,
0.3111

 6.0405, 0.5787,
0.2562

 27.5878, 0.4777,
0.2898


 2.8698, 0.6419,
0.2317

 40.0632, 0.4588,
0.2953


 1.0641, 0.7557,
0.1954

 55.8257, 0.4436,
0.2995

 0.0000, 1.0000,
0.0000

 75.2598, 0.4313,
0.3029

 0.0000, 0.0000,
0.0000

 98.7497, 0.4210,
0.3055

 126.6800, 0.4123,

0.3077

159.4350, 0.4050,
0.3096

■ 10.9609, 0.5344,
0.2718

■ 10.9609, 0.5344,
0.2718

■ 10.9574, 0.5346,
0.2719

■ 11.5819, 0.5060,
0.2641

■ 12.6630, 0.4761,
0.2607

■ 14.3632, 0.4461,
0.2624

■ 16.7624, 0.4178,
0.2681

■ 19.9280, 0.3924,
0.2766

■ 23.9195, 0.3704,
0.2868

■ 28.7906, 0.3517,
0.2976

■ 34.5903, 0.3361,
0.3085

■ 41.3639, 0.3233,
0.3191

Harmonies

Analogous

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



10.9609, 0.3885, 0.2025



10.9609, 0.5344, 0.2718



10.9609, 0.5897, 0.3493

Triad

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



10.9609, 0.5344, 0.2718



10.9609, 0.3177, 0.6121



10.9609, 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.



10.9609, 0.5344, 0.2718



36.2399, 0.2635, 0.4686

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.



10.9609, 0.0966, 0.2069



10.9609, 0.5344, 0.2718



10.9609, 0.2019, 0.5322

Square

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



10.9609, 0.5344, 0.2718



10.9609, 0.4430, 0.5482



10.9609, 0.1236, 0.3400



10.9609, 0.1514, 0.1366

Rectangle

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



10.9609, 0.5344, 0.2718



10.9609, 0.5673, 0.4073



10.9609, 0.1236, 0.3400



10.9609, 0.0996, 0.1625

Sweetspot

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



10.9616, 0.5344, 0.2718



51.6464, 0.3527, 0.2970



6.7700, 0.2196, 0.0983



10.5139, 0.3603, 0.2924



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.



10.9616, 0.5344, 0.2718



19.8199, 0.5386, 0.2741



10.7968, 0.6337, 0.3349



9.0714, 0.3226, 0.3197



7.3875, 0.5313, 0.2701



0.2728, 0.4642, 0.2331

Inverse Universe

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



10.9616, 0.5344, 0.2718



19.8199, 0.5386, 0.2741



32.4809, 0.2174, 0.3027



9.0714, 0.3226, 0.3197



7.3875, 0.5313, 0.2701



0.2728, 0.4642, 0.2331

Previews

White Background



This preview shows how the Yxy color 10.9609, 0.5344, 0.2718 looks on a white background.

Color Contrast Check

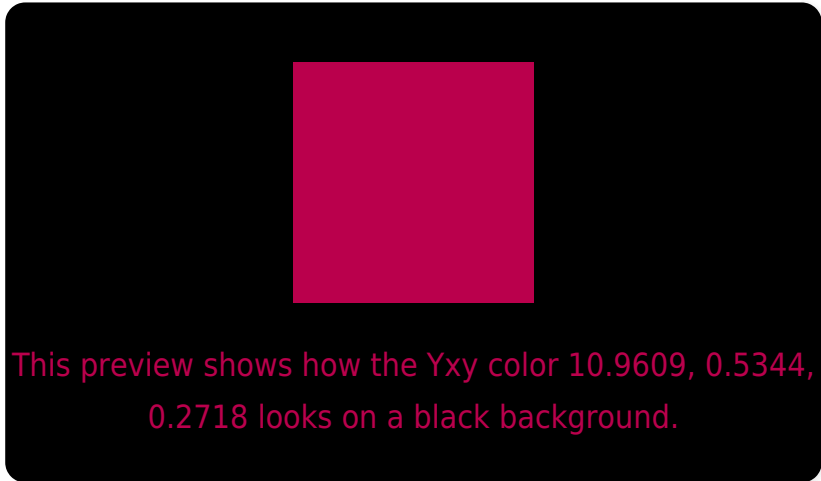
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9609, 0.5344, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 10.9609, 0.5344, 0.2718.

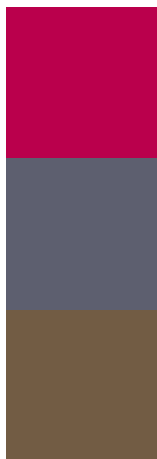


This preview shows how white text looks on a background with the Yxy color 10.9609, 0.5344, 0.2718.

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

10.9609, 0.5344, 0.2718

Protanopia

11.6593, 0.2882, 0.2928

Deuteranopia

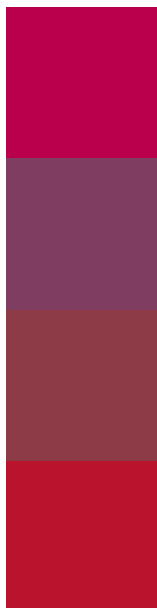
11.6491, 0.3865, 0.3813



Tritanopia

11.2076, 0.6032, 0.3305

Trichromacy



Original Color

10.9609, 0.5344, 0.2718

Protanomaly

8.7314, 0.3721, 0.2573

Deuteranomaly

9.1583, 0.4552, 0.3085

Tritanomaly

10.9773, 0.5870, 0.3108

Monochromacy



Original Color

10.9609, 0.5344, 0.2718

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 10.9609, 0.5344, 0.2718 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 76) }
```

Border

The CSS property to change the border of an element to Yxy 10.9609, 0.5344, 0.2718 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, 76) }
```

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

```
.border{ border-color:rgb(186, 0, 76) }
```

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, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 76)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9609, 0.5344, 0.2718 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, 76) }
```

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

```
.background{ background-color: rgb(186, 0,  
76) }
```

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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