

Converting Colors

$Y_{xy}(15.8672, 0.4004, 0.2469)$

Have a look what the booklet for
Yxy(15.8672, 0.4004, 0.2469)
contains.

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Color

Yxy(15.9363, 0.4002, 0.2466)

Conversions

Conversions Part 1

Format	Color
Hex	B84482
RGB	184, 68, 130
RGB Percent	72%, 27%, 51%
CMY	0.2784, 0.7333, 0.4903
CMYK	0.00, 0.63, 0.29, 0.28
HSL	328°, 46%, 49%
HSV	328°, 63%, 72%
XYZ	25.8626, 15.9363, 22.8252
YIQ	109.7520, 49.2340, 43.8740

Conversions

Conversions Part 2

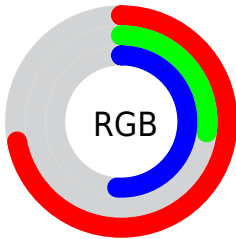
Format	Color
RYB	184, 68, 130
Decimal	12076162
CIELab	46.89, 52.92, -10.38
CIElCh	47, 53.929, 348.907
Yxy	15.9363, 0.4002, 0.2466
Android (android.graphics.Color)	4290266242 (0xFFB84482)
YUV	109.7520, 9.9823, 65.1155
Hunter-Lab	39.9203, 45.7816, -5.9560

Details

The Yxy color **15.9363, 0.4002, 0.2466** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36.9164, 0.2733, 0.4380**, and the grayscale version is **15.4795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3927, 0.3804, 0.2639**, and **5.1061, 0.4343, 0.2166** is the 20% darker color. If you saturate the color by 10%, you get **13.8290, 0.4216, 0.2392**, and if you desaturate by 10%, it is **18.7627, 0.3806, 0.2573**.

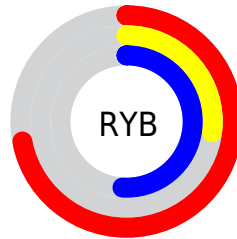
Distribution



Red (72%)

Green (27%)

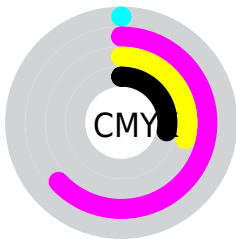
Blue (51%)



Red (72%)

Yellow (27%)

Blue (51%)

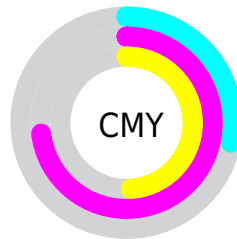


Cyan (0%)

Magenta (63%)

Yellow (29%)

Black (28%)



Cyan (28%)


Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9363, 0.4002, 0.2466 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 15.9363, 0.4002, 0.2466 by changing the saturation by 10% instead.


 15.9363, 0.4002,
0.2466

 15.9363, 0.4002,
0.2466


228.9655, 0.3503,
0.2923


 9.4791, 0.4152,
0.2335


 36.4876, 0.3803,
0.2644


 5.0550, 0.4362,
0.2157


 51.3504, 0.3734,
0.2707


 2.2796, 0.4676,
0.1900

 69.7840, 0.3678,
0.2759

 0.7629, 0.5197,
0.1497

 92.1726, 0.3631,
0.2803

 0.0000, 0.7346,
0.0000

 118.9006, 0.3592,
0.2840

 0.0000, 0.0000,
0.0000

150.3526, 0.3558,

0.2871

186.9127, 0.3529,
0.2899

■ 15.9363, 0.4002,
0.2466

■ 15.9363, 0.4002,
0.2466

■ 13.8290, 0.4216,
0.2392

■ 18.7627, 0.3806,
0.2573

■ 12.3701, 0.4439,
0.2363

■ 22.3654, 0.3631,
0.2700

■ 11.4785, 0.4661,
0.2386

■ 26.7984, 0.3480,
0.2839

■ 11.0781, 0.4814,
0.2425

■ 32.1104, 0.3351,
0.2980

■ 38.3462, 0.3242,
0.3119

■ 45.5474, 0.3152,
0.3251

■ 53.7533, 0.3076,
0.3376

■ 63.0007, 0.3014,
0.3492

■ 73.3249, 0.2962,
0.3599

Harmonies

Analogous

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



15.9363, 0.2897, 0.2004



15.9363, 0.4002, 0.2466



15.9363, 0.4925, 0.3089

Triad

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



15.9363, 0.4002, 0.2466



15.9363, 0.4012, 0.5155



15.9363, 0.1402, 0.2245

Complementary

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



15.9363, 0.4002, 0.2466



36.9164, 0.2733, 0.4380

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.



15.9363, 0.1583, 0.3112



15.9363, 0.4002, 0.2466



15.9363, 0.3047, 0.5219

Square

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



15.9363, 0.4002, 0.2466



15.9363, 0.4814, 0.4525



15.9363, 0.2153, 0.4347



15.9363, 0.1556, 0.1841

Rectangle

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



15.9363, 0.4002, 0.2466



15.9363, 0.5195, 0.3549



15.9363, 0.2153, 0.4347



15.9363, 0.1422, 0.2478

Sweetspot

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



15.9371, 0.4002, 0.2466



62.2139, 0.3308, 0.3032



11.6040, 0.2411, 0.1513



12.7478, 0.3340, 0.2992



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.



15.9371, 0.4002, 0.2466



23.8133, 0.4310, 0.2374



14.8178, 0.5017, 0.3223



9.0903, 0.3207, 0.3169



7.6493, 0.4789, 0.2412



0.2820, 0.4276, 0.2129

Inverse Universe

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



15.9371, 0.4002, 0.2466



23.8133, 0.4310, 0.2374



38.7329, 0.2408, 0.3381



9.0903, 0.3207, 0.3169



7.6493, 0.4789, 0.2412



0.2820, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 15.9363, 0.4002, 0.2466 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 15.9363, 0.4002, 0.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

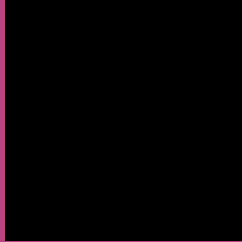
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9363, 0.4002, 0.2466

Background



This preview shows how black text looks on a background with the Yxy color 15.9363, 0.4002, 0.2466.



This preview shows how white text looks on a background with the Yxy color 15.9363, 0.4002, 0.2466.

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

15.9363, 0.4002, 0.2466

Protanopia

16.1419, 0.2456, 0.2379

Deuteranopia

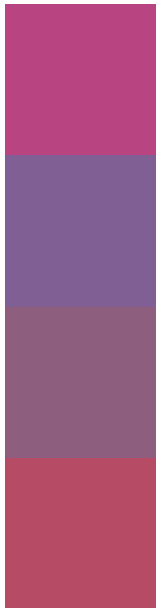
16.1744, 0.3048, 0.2999



Tritanopia

15.9354, 0.4701, 0.3226

Trichromacy



Original Color

15.9363, 0.4002, 0.2466

Protanomaly

14.9117, 0.2903, 0.2360

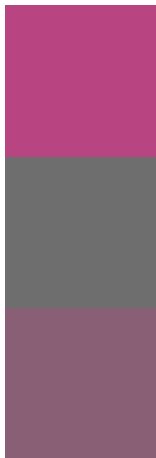
Deuteranomaly

15.1745, 0.3372, 0.2729

Tritanomaly

15.7955, 0.4445, 0.2935

Monochromacy



Original Color

15.9363, 0.4002, 0.2466

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.7871, 0.3444, 0.2890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9363, 0.4002, 0.2466 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, 68, 130)` looks like.

```
.text, #text, p{  
    color:rgb(184, 68, 130)  
}
```

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, 68, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 68, 130) }
```

Border

The CSS property to change the border of an element to Yxy 15.9363, 0.4002, 0.2466 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, 68, 130) }
```

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

```
.border{ border-color:rgb(184, 68, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 68, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 68, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 68, 130);  
box-shadow:4px 4px 4px 4px rgb(184, 68,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9363, 0.4002, 0.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 68, 130) }
```

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

```
.background{ background-color: rgb(184, 68,  
130) }
```

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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