

Converting Colors

$Y_{xy}(15.1990, 0.4996, 0.3296)$

Have a look what the booklet for
Yxy(15.1990, 0.4996, 0.3296)
contains.

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Color

Yxy(15.1699, 0.5000, 0.3296)

Conversions

Conversions Part 1

Format	Color
Hex	B74848
RGB	183, 72, 72
RGB Percent	72%, 28%, 28%
CMY	0.2824, 0.7176, 0.7177
CMYK	0.00, 0.61, 0.61, 0.28
HSL	0°, 44%, 50%
HSV	0°, 61%, 72%
XYZ	23.0126, 15.1699, 7.8427
YIQ	105.1890, 66.1560, 23.5320

Conversions

Conversions Part 2

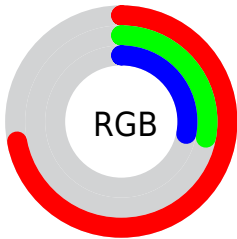
Format	Color
RYB	183, 72, 72
Decimal	12011592
CIELab	45.87, 44.97, 23.45
CIElCh	46, 50.718, 27.541
Yxy	15.1699, 0.5000, 0.3296
Android (android.graphics.Color)	4290201672 (0xFFB74848)
YUV	105.1890, -16.3622, 68.2402
Hunter-Lab	38.9486, 37.3060, 15.3253

Details

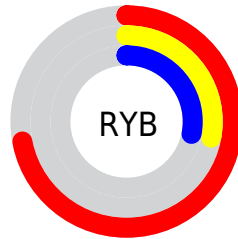
The Yxy color **15.1699, 0.5000, 0.3296** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **38.6396, 0.2394, 0.3287**, and the grayscale version is **14.2138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2808, 0.4548, 0.3337**, and **4.6830, 0.5822, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **12.9422, 0.5475, 0.3297**, and if you desaturate by 10%, it is **18.1739, 0.4544, 0.3295**.

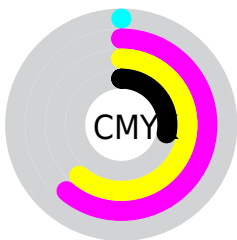
Distribution



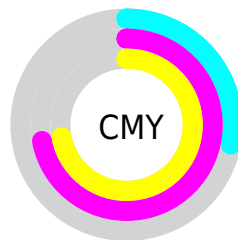
- Red (72%)
- Green (28%)
- Blue (28%)



- Red (72%)
- Yellow (28%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (61%)
- Black (28%)





- Cyan (28%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1699, 0.5000, 0.3296 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 15.1699, 0.5000, 0.3296 by changing the saturation by 10% instead.


 15.1699, 0.5000,
0.3296


 15.1699, 0.5000,
0.3296


224.3923, 0.3891,
0.3354


 8.9387, 0.5340,
0.3242


 35.1510, 0.4550,
0.3341


 4.7012, 0.5812,
0.3137

 49.6696, 0.4396,
0.3349


 2.0731, 0.6627,
0.2981

 67.7196, 0.4271,
0.3354

 0.6494, 0.7596,
0.2404

 89.6852, 0.4168,
0.3356

 0.0000, 1.0000,
0.0000

 115.9509, 0.4081,
0.3356


 0.0000, 0.0000,
0.0000


146.9010, 0.4008,

0.3356


182.9200, 0.3945,
0.3355


 15.1699, 0.5000,
0.3296


 15.1699, 0.5000,
0.3296


 12.9422, 0.5475,
0.3297


 18.1739, 0.4544,
0.3295


 11.4172, 0.5908,
0.3299


 22.0139, 0.4143,
0.3293

 10.5117, 0.6224,
0.3299

 26.7469, 0.3806,
0.3292

 10.0670, 0.6400,
0.3300

 32.4240, 0.3533,
0.3291

 39.0925, 0.3313,
0.3291

■ 46.7965, 0.3137,
0.3290

■ 55.5776, 0.2997,
0.3290

■ 65.4748, 0.2883,
0.3289

■ 76.5256, 0.2791,
0.3289

Harmonies

Analogous

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



15.1699, 0.4262, 0.2661



15.1699, 0.5000, 0.3296



15.1699, 0.5077, 0.3990

Triad

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



15.1699, 0.5000, 0.3296



15.1699, 0.2795, 0.4970



15.1699, 0.1710, 0.1844

Complementary

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



15.1699, 0.5000, 0.3296



38.6396, 0.2394, 0.3287

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.



15.1699, 0.1469, 0.2135



15.1699, 0.5000, 0.3296



15.1699, 0.1997, 0.3955

Square

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



15.1699, 0.5000, 0.3296



15.1699, 0.3733, 0.5177



15.1699, 0.1550, 0.2839



15.1699, 0.2287, 0.1868

Rectangle

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



15.1699, 0.5000, 0.3296



15.1699, 0.4788, 0.4465



15.1699, 0.1550, 0.2839



15.1699, 0.1595, 0.1902

Sweetspot

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



15.1707, 0.5000, 0.3296



60.7433, 0.3477, 0.3291



18.1161, 0.3192, 0.1903



12.6967, 0.3546, 0.3291



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.



15.1707, 0.5000, 0.3296



22.0783, 0.5637, 0.3298



25.8371, 0.4443, 0.4049



9.0127, 0.3288, 0.3291



7.0244, 0.6400, 0.3300



0.2478, 0.6399, 0.3301

Inverse Universe

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



38.6396, 0.2394, 0.3287



67.8325, 0.2313, 0.3287



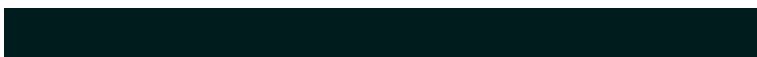
20.0992, 0.2178, 0.2320



10.2101, 0.2985, 0.3290



25.9921, 0.2246, 0.3286



0.9165, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 15.1699, 0.5000, 0.3296 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 15.1699, 0.5000, 0.3296 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 15.1699, 0.5000, 0.3296

Background



This preview shows how black text looks on a background with the Yxy color 15.1699, 0.5000, 0.3296.



This preview shows how white text looks on a background with the Yxy color 15.1699, 0.5000, 0.3296.

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

15.1699, 0.5000, 0.3296

Protanopia

15.3549, 0.3501, 0.3725

Deuteranopia

15.2114, 0.4061, 0.3990



Tritanopia

15.0956, 0.4942, 0.3231

Trichromacy



Original Color

15.1699, 0.5000, 0.3296

Protanomaly

14.5504, 0.4030, 0.3550

Deuteranomaly

14.6633, 0.4432, 0.3679

Tritanomaly

15.0818, 0.4959, 0.3244

Monochromacy



Original Color

15.1699, 0.5000, 0.3296

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.6056, 0.3766, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1699, 0.5000, 0.3296 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(183, 72, 72)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 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(183, 72, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 72) }
```

Border

The CSS property to change the border of an element to Yxy 15.1699, 0.5000, 0.3296 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(183, 72, 72) }
```

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

```
.border{ border-color:rgb(183, 72, 72) }
```

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

Here you see how a box with a 4 pixel rgb(183, 72, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 72);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1699, 0.5000, 0.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 72) }
```

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

```
.background{ background-color: rgb(183, 72,  
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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