

Converting Colors

$Y_{xy}(15.7581, 0.4391, 0.3400)$

Have a look what the booklet for
Yxy(15.7581, 0.4391, 0.3400)
contains.

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Color

Yxy(15.7234, 0.4399, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	A35A53
RGB	163, 90, 83
RGB Percent	64%, 35%, 33%
CMY	0.3608, 0.6470, 0.6745
CMYK	0.00, 0.45, 0.49, 0.36
HSL	5°, 33%, 48%
HSV	5°, 49%, 64%
XYZ	20.3194, 15.7234, 10.1482
YIQ	111.0290, 45.7550, 13.2990

Conversions

Conversions Part 2

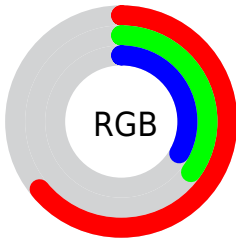
Format	Color
RYB	163, 91, 83
Decimal	10705491
CIELab	46.61, 29.10, 17.27
CIELCh	47, 33.839, 30.685
Yxy	15.7234, 0.4399, 0.3404
Android (android.graphics.Color)	4288895571 (0xFFA35A53)
YUV	111.0290, -13.8183, 45.5786
Hunter-Lab	39.6527, 22.0771, 12.5831

Details

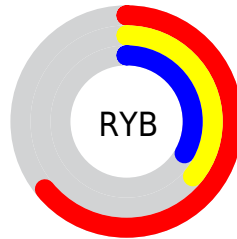
The Yxy color **15.7234, 0.4399, 0.3404** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2507, 0.2472, 0.3166**, and the grayscale version is **15.9371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0878, 0.4101, 0.3401**, and **4.9840, 0.4990, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **13.2384, 0.4813, 0.3420**, and if you desaturate by 10%, it is **18.7711, 0.4037, 0.3382**.

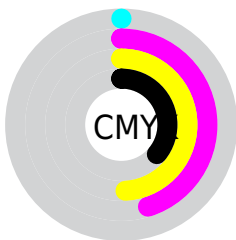
Distribution



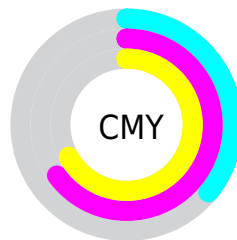
- Red (64%)
- Green (35%)
- Blue (33%)



- Red (64%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (45%)
- Yellow (49%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7234, 0.4399, 0.3404 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 15.7234, 0.4399, 0.3404 by changing the saturation by 10% instead.


 15.7234, 0.4399,
0.3404


 15.7234, 0.4399,
0.3404


227.7040, 0.3643,
0.3366


 9.3286, 0.4639,
0.3398


 36.1173, 0.4089,
0.3399


 4.9562, 0.4984,
0.3373

 50.8853, 0.3984,
0.3394


 2.2216, 0.5518,
0.3301

 69.2131, 0.3900,
0.3389

 0.7317, 0.6781,
0.3219

 91.4852, 0.3830,
0.3384

 0.0000, 1.0000,
0.0000

 118.0860, 0.3772,
0.3379

 0.0000, 0.0000,
0.0000

149.3997, 0.3723,

0.3374

185.8109, 0.3680,
0.3370

■ 15.7234, 0.4399,
0.3404

■ 15.7234, 0.4399,
0.3404

■ 13.2384, 0.4813,
0.3420

■ 18.7711, 0.4037,
0.3382

■ 11.2793, 0.5259,
0.3426

■ 22.4103, 0.3733,
0.3358

■ 9.8088, 0.5694,
0.3417


■ 26.6711, 0.3483,
0.3333

■ 8.7838, 0.6056,
0.3391


■ 31.5805, 0.3279,
0.3310


■ 8.1489, 0.6305,
0.3361


■ 37.1641, 0.3113,
0.3288

 8.1067, 0.6325,
0.3360

 43.4461, 0.2978,
0.3268

 50.4493, 0.2867,
0.3250

 58.1959, 0.2776,
0.3234

 66.7067, 0.2700,
0.3219

Harmonies

Analogous

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



15.7234, 0.3948, 0.2914



15.7234, 0.4399, 0.3404



15.7234, 0.4449, 0.3915

Triad

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



15.7234, 0.4399, 0.3404



15.7234, 0.2880, 0.4288



15.7234, 0.2159, 0.2261

Complementary

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



15.7234, 0.4399, 0.3404



28.2507, 0.2472, 0.3166

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.



15.7234, 0.1948, 0.2479



15.7234, 0.4399, 0.3404



15.7234, 0.2323, 0.3654

Square

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



15.7234, 0.4399, 0.3404



15.7234, 0.3537, 0.4538



15.7234, 0.2000, 0.2964



15.7234, 0.2618, 0.2287

Rectangle

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



15.7234, 0.4399, 0.3404



15.7234, 0.4263, 0.4223



15.7234, 0.2000, 0.2964



15.7234, 0.2060, 0.2305

Sweetspot

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



15.7242, 0.4399, 0.3404



50.9738, 0.3401, 0.3324



16.3830, 0.3270, 0.2211



11.0639, 0.3444, 0.3329



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



15.7242, 0.4399, 0.3404



23.3132, 0.4858, 0.3421



24.2840, 0.4069, 0.4017



7.1812, 0.3283, 0.3310



6.3329, 0.6316, 0.3367



0.1611, 0.5965, 0.3646

Inverse Universe

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



28.2507, 0.2472, 0.3166



48.3865, 0.2368, 0.3133



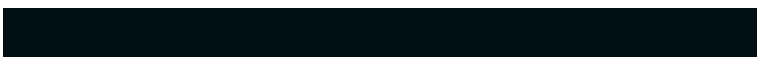
17.0496, 0.2332, 0.2416



7.9046, 0.2988, 0.3270



18.7232, 0.2172, 0.3018



0.4223, 0.2201, 0.3125

Previews

White Background



This preview shows how the Yxy color 15.7234, 0.4399, 0.3404 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 15.7234, 0.4399, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

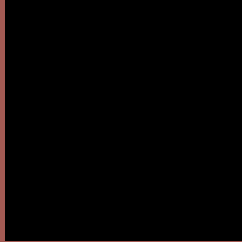
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7234, 0.4399, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 15.7234, 0.4399, 0.3404.



This preview shows how white text looks on a background with the Yxy color 15.7234, 0.4399, 0.3404.

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

15.7234, 0.4399, 0.3404

Protanopia

15.9411, 0.3441, 0.3658

Deuteranopia

15.7928, 0.3865, 0.3787



Tritanopia

15.6982, 0.4231, 0.3183

Trichromacy



Original Color

15.7234, 0.4399, 0.3404

Protanomaly

15.4901, 0.3786, 0.3557

Deuteranomaly

15.5481, 0.4060, 0.3634

Tritanomaly

15.7926, 0.4290, 0.3262

Monochromacy



Original Color

15.7234, 0.4399, 0.3404

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.3859, 0.3550, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7234, 0.4399, 0.3404 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(163, 90, 83)` looks like.

```
.text, #text, p{  
    color:rgb(163, 90, 83)  
}
```

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(163, 90, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 90, 83) }
```

Border

The CSS property to change the border of an element to Yxy 15.7234, 0.4399, 0.3404 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(163, 90, 83) }
```

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

```
.border{ border-color:rgb(163, 90, 83) }
```

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

Here you see how a box with a 4 pixel rgb(163, 90, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 90, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 90, 83);  
box-shadow:4px 4px 4px 4px rgb(163, 90,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7234, 0.4399, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 90, 83) }
```

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

```
.background{ background-color: rgb(163, 90,  
83) }
```

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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