

Converting Colors

$Y_{xy}(15.2692, 0.4697, 0.3294)$

Have a look what the booklet for
Yxy(15.2692, 0.4697, 0.3294)
contains.

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Color

Yxy(15.3152, 0.4684, 0.3295)

Conversions

Conversions Part 1

Format	Color
Hex	AE5050
RGB	174, 80, 80
RGB Percent	68%, 31%, 31%
CMY	0.3177, 0.6862, 0.6864
CMYK	0.00, 0.54, 0.54, 0.32
HSL	0°, 37%, 50%
HSV	0°, 54%, 68%
XYZ	21.7713, 15.3152, 9.3936
YIQ	108.1060, 56.0240, 19.9280

Conversions

Conversions Part 2

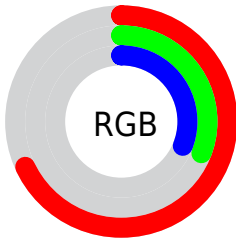
Format	Color
R_{YB}	174, 80, 80
Decimal	11423824
CIE _{Lab}	46.06, 38.41, 18.63
CIE _{LCh}	46, 42.695, 25.874
Yxy	15.3152, 0.4684, 0.3295
Android (android.graphics.Color)	4289613904 (0xFFAE5050)
YUV	108.1060, -13.8563, 57.7890
Hunter-Lab	39.1346, 30.8171, 13.1626

Details

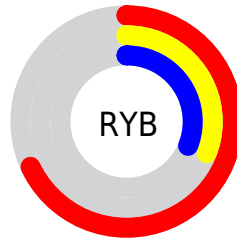
The Yxy color **15.3152, 0.4684, 0.3295** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.0197, 0.2448, 0.3287**, and the grayscale version is **15.0558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4111, 0.4305, 0.3328**, and **4.7880, 0.5379, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **12.8652, 0.5149, 0.3296**, and if you desaturate by 10%, it is **18.4927, 0.4264, 0.3294**.

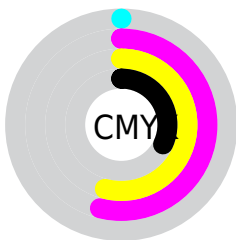
Distribution



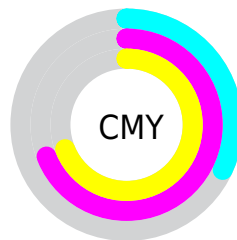
- Red (68%)
- Green (31%)
- Blue (31%)



- Red (68%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (32%)





- Cyan (32%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3152, 0.4684, 0.3295 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 15.3152, 0.4684, 0.3295 by changing the saturation by 10% instead.


 15.3152, 0.4684,
0.3295


 15.3152, 0.4684,
0.3295


225.2662, 0.3758,
0.3333


 9.0409, 0.4976,
0.3259


 35.4052, 0.4305,
0.3325


 4.7679, 0.5390,
0.3186

 49.9897, 0.4176,
0.3330


 2.1117, 0.6041,
0.3045

 68.1130, 0.4073,
0.3333

 0.6712, 0.7295,
0.2705

 90.1596, 0.3987,
0.3334

 0.0000, 1.0000,
0.0000


 116.5138, 0.3916,
0.3335


 0.0000, 0.0000,
0.0000


147.5600, 0.3855,


0.3334


183.6827, 0.3803,
0.3334


 15.3152, 0.4684,
0.3295


 15.3152, 0.4684,
0.3295


 12.8652, 0.5149,
0.3296


 18.4927, 0.4264,
0.3294

 11.0830, 0.5618,
0.3298


 22.4464, 0.3908,
0.3293


 9.9036, 0.6020,
0.3299

 27.2237, 0.3616,
0.3292

 9.2478, 0.6289,
0.3300

 32.8674, 0.3381,
0.3291

 8.9997, 0.6400,
0.3300

 39.4175, 0.3192,
0.3290

■ 46.9113, 0.3041,
0.3290

■ 55.3841, 0.2919,
0.3289

■ 64.8695, 0.2821,
0.3289

■ 75.3993, 0.2741,
0.3289

Harmonies

Analogous

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



15.3152, 0.4039, 0.2728



15.3152, 0.4684, 0.3295



15.3152, 0.4809, 0.3912

Triad

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



15.3152, 0.4684, 0.3295



15.3152, 0.2916, 0.4694



15.3152, 0.1876, 0.2044

Complementary

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



15.3152, 0.4684, 0.3295



35.0197, 0.2448, 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.



15.3152, 0.1676, 0.2336



15.3152, 0.4684, 0.3295



15.3152, 0.2205, 0.3902

Square

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



15.3152, 0.4684, 0.3295



15.3152, 0.3730, 0.4873



15.3152, 0.1777, 0.2977



15.3152, 0.2376, 0.2042

Rectangle

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



15.3152, 0.4684, 0.3295



15.3152, 0.4601, 0.4316



15.3152, 0.1777, 0.2977



15.3152, 0.1777, 0.2106

Sweetspot

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



15.3160, 0.4684, 0.3295



57.1776, 0.3429, 0.3291



17.7885, 0.3186, 0.2027



12.2381, 0.3475, 0.3291



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



15.3160, 0.4684, 0.3295



22.5553, 0.5250, 0.3297



24.7530, 0.4258, 0.3979



8.0158, 0.3286, 0.3291



6.5279, 0.6400, 0.3300



0.1817, 0.6399, 0.3301

Inverse Universe

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



35.0197, 0.2448, 0.3287



62.1079, 0.2358, 0.3287



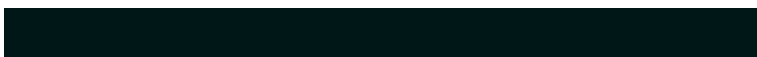
19.9361, 0.2277, 0.2450



9.0716, 0.2987, 0.3290



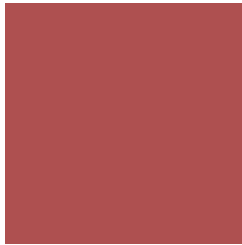
24.1570, 0.2246, 0.3286



0.6722, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 15.3152, 0.4684, 0.3295 looks on a white background.

Color Contrast Check

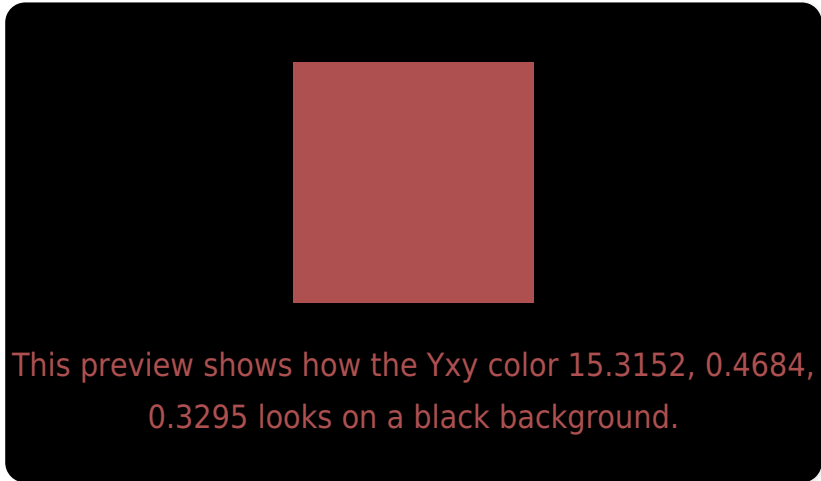
Large Text (above 18pt) WCAG AA ✓ Pass

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

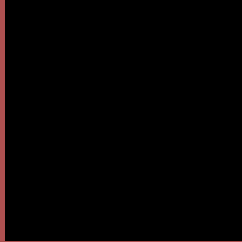
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3152, 0.4684, 0.3295

Background



This preview shows how black text looks on a background with the Yxy color 15.3152, 0.4684, 0.3295.



This preview shows how white text looks on a background with the Yxy color 15.3152, 0.4684, 0.3295.

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

15.3152, 0.4684, 0.3295

Protanopia

15.3724, 0.3420, 0.3622

Deuteranopia

15.4502, 0.3914, 0.3847



Tritanopia

15.2465, 0.4607, 0.3208

Trichromacy



Original Color

15.3152, 0.4684, 0.3295

Protanomaly

14.6742, 0.3862, 0.3480

Deuteranomaly

15.1046, 0.4213, 0.3625

Tritanomaly

15.2152, 0.4641, 0.3237

Monochromacy



Original Color

15.3152, 0.4684, 0.3295

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.5227, 0.3646, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3152, 0.4684, 0.3295 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(174, 80, 80)` looks like.

```
.text, #text, p{  
  color:rgb(174, 80, 80)  
}
```

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(174, 80, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 80, 80) }
```

Border

The CSS property to change the border of an element to Yxy 15.3152, 0.4684, 0.3295 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(174, 80, 80) }
```

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

```
.border{ border-color:rgb(174, 80, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 80, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 80, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 80, 80);  
box-shadow:4px 4px 4px 4px rgb(174, 80,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3152, 0.4684, 0.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 80, 80) }
```

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

```
.background{ background-color: rgb(174, 80,  
80) }
```

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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