

Converting Colors

$Y_{xy}(18.3320, 0.4314, 0.3300)$

Have a look what the booklet for
Yxy(18.3320, 0.4314, 0.3300)
contains.

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Color

Yxy(18.3242, 0.4309, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	AF6060
RGB	175, 96, 96
RGB Percent	69%, 38%, 38%
CMY	0.3138, 0.6235, 0.6236
CMYK	0.00, 0.45, 0.45, 0.31
HSL	0°, 33%, 53%
HSV	0°, 45%, 69%
XYZ	23.9705, 18.3242, 13.3343
YIQ	119.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

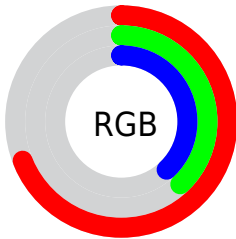
Format	Color
R _Y B	175, 96, 96
Decimal	11493472
CIE Lab	49.89, 31.90, 14.28
CIE LCh	50, 34.954, 24.111
Yxy	18.3242, 0.4309, 0.3294
Android (android.graphics.Color)	4289683552 (0xFFAF6060)
YUV	119.6210, -11.6452, 48.5674
Hunter-Lab	42.8068, 25.0429, 11.4960

Details

The Yxy color **18.3242, 0.4309, 0.3294** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.2211, 0.2530, 0.3288**, and the grayscale version is **18.6822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5788, 0.4035, 0.3316**, and **6.1853, 0.4814, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **15.1931, 0.4735, 0.3295**, and if you desaturate by 10%, it is **22.2389, 0.3945, 0.3293**.

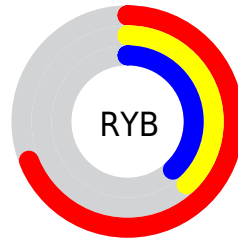
Distribution



Red (69%)

Green (38%)

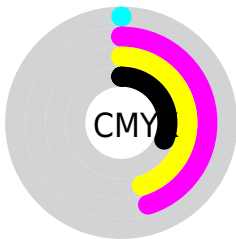
Blue (38%)



Red (69%)

Yellow (38%)

Blue (38%)

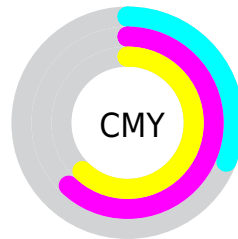


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (31%)



Cyan (31%)


Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3242, 0.4309, 0.3294 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 18.3242, 0.4309, 0.3294 by changing the saturation by 10% instead.


 18.3242, 0.4309,
0.3294

 18.3242, 0.4309,
0.3294


242.6921, 0.3621,
0.3315


 11.1830, 0.4521,
0.3275


 40.5890, 0.4031,
0.3310


 6.1901, 0.4821,
0.3238

 56.4814, 0.3936,
0.3313

 2.9610, 0.5273,
0.3161

 76.0596, 0.3858,
0.3315

 1.1114, 0.6325,
0.3130

 99.7080, 0.3794,
0.3315

 0.0000, 1.0000,
0.0000

127.8111, 0.3741,
0.3316

 0.0000, 0.0000,
0.0000

160.7532, 0.3695,

0.3316

198.9187, 0.3655,
0.3315

■ 18.3242, 0.4309,
0.3294

■ 18.3242, 0.4309,
0.3294

■ 15.1931, 0.4735,
0.3295

■ 22.2389, 0.3945,
0.3293

■ 12.7904, 0.5204,
0.3297

■ 26.9821, 0.3646,
0.3292

■ 11.0581, 0.5668,
0.3298


■ 32.5985, 0.3405,
0.3291


■ 9.9282, 0.6059,
0.3299

■ 39.1288, 0.3211,
0.3290

■ 9.3170, 0.6310,
0.3300

■ 46.6113, 0.3056,
0.3290

 9.1144, 0.6400,
0.3300

 55.0820, 0.2932,
0.3289

 64.5750, 0.2831,
0.3289

 75.1228, 0.2749,
0.3289

 86.7565, 0.2681,
0.3288

Harmonies

Analogous

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



18.3242, 0.3798, 0.2825



18.3242, 0.4309, 0.3294



18.3242, 0.4451, 0.3799

Triad

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



18.3242, 0.4309, 0.3294



18.3242, 0.3025, 0.4361



18.3242, 0.2108, 0.2304

Complementary

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



18.3242, 0.4309, 0.3294



36.2211, 0.2530, 0.3288

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.



18.3242, 0.1956, 0.2576



18.3242, 0.4309, 0.3294



18.3242, 0.2441, 0.3800

Square

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



18.3242, 0.4309, 0.3294



18.3242, 0.3669, 0.4506



18.3242, 0.2066, 0.3108



18.3242, 0.2509, 0.2278

Rectangle

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



18.3242, 0.4309, 0.3294



18.3242, 0.4321, 0.4116



18.3242, 0.2066, 0.3108



18.3242, 0.2029, 0.2366

Sweetspot

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



18.3251, 0.4309, 0.3294



59.3872, 0.3385, 0.3291



20.5689, 0.3178, 0.2209



12.6884, 0.3431, 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.



18.3251, 0.4309, 0.3294



27.3227, 0.4725, 0.3295



27.4197, 0.4029, 0.3873



8.0159, 0.3286, 0.3291



6.5283, 0.6400, 0.3300



0.1818, 0.6398, 0.3302

Inverse Universe

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



36.2211, 0.2530, 0.3288



63.3894, 0.2440, 0.3287



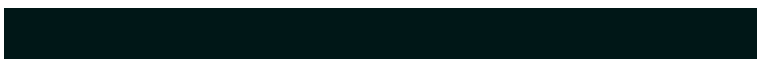
23.0432, 0.2414, 0.2612



9.0714, 0.2987, 0.3289



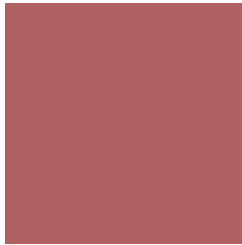
24.1504, 0.2246, 0.3286



0.6720, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 18.3242, 0.4309, 0.3294 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 18.3242, 0.4309, 0.3294 looks on a black 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

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

Yxy 18.3242, 0.4309, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 18.3242, 0.4309, 0.3294.

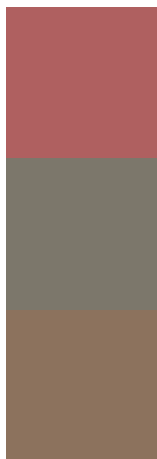


This preview shows how white text looks on a background with the Yxy color 18.3242, 0.4309, 0.3294.

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

18.3242, 0.4309, 0.3294

Protanopia

18.5403, 0.3335, 0.3520

Deuteranopia

18.4004, 0.3752, 0.3671



Tritanopia

18.2577, 0.4222, 0.3189

Trichromacy



Original Color

18.3242, 0.4309, 0.3294

Protanomaly

18.1878, 0.3674, 0.3434

Deuteranomaly

18.0958, 0.3963, 0.3513

Tritanomaly

18.2185, 0.4253, 0.3219

Monochromacy



Original Color

18.3242, 0.4309, 0.3294

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0920, 0.3523, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3242, 0.4309, 0.3294 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(175, 96, 96)` looks like.

```
.text, #text, p{  
    color:rgb(175, 96, 96)  
}
```

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(175, 96, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 96, 96) }
```

Border

The CSS property to change the border of an element to Yxy 18.3242, 0.4309, 0.3294 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(175, 96, 96) }
```

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

```
.border{ border-color:rgb(175, 96, 96) }
```

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

Here you see how a box with a 4 pixel rgb(175, 96, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 96, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 96, 96);  
box-shadow:4px 4px 4px 4px rgb(175, 96,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3242, 0.4309, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 96, 96) }
```

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

```
.background{ background-color: rgb(175, 96,  
96) }
```

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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