

Converting Colors

$Y_{xy}(14.8794, 0.4451, 0.3087)$

Have a look what the booklet for
Yxy(14.8794, 0.4451, 0.3087)
contains.

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Color

Yxy(14.8794, 0.4451, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	AB4E5C
RGB	171, 78, 92
RGB Percent	67%, 31%, 36%
CMY	0.3293, 0.6942, 0.6392
CMYK	0.00, 0.54, 0.46, 0.33
HSL	351°, 37%, 49%
HSV	351°, 54%, 67%
XYZ	21.4539, 14.8794, 11.8669
YIQ	107.4030, 50.9340, 24.0700

Conversions

Conversions Part 2

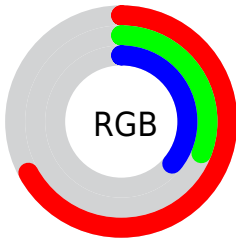
Format	Color
RYB	171, 78, 92
Decimal	11226716
CIELab	45.47, 39.48, 10.45
CIElCh	45, 40.842, 14.820
Yxy	14.8794, 0.4451, 0.3087
Android (android.graphics.Color)	4289416796 (0xFFAB4E5C)
YUV	107.4030, -7.5937, 55.7746
Hunter-Lab	38.5738, 31.7735, 8.7616

Details

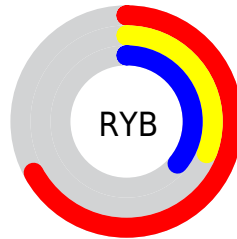
The Yxy color **14.8794, 0.4451, 0.3087** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.1869, 0.2530, 0.3529**, and the grayscale version is **14.8314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5763, 0.4121, 0.3154**, and **4.5809, 0.5097, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **12.5282, 0.4854, 0.3068**, and if you desaturate by 10%, it is **17.9127, 0.4096, 0.3119**.

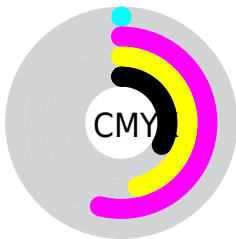
Distribution



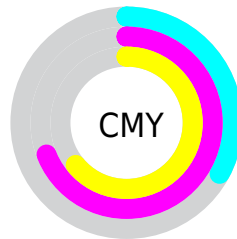
- Red (67%)
- Green (31%)
- Blue (36%)



- Red (67%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (54%)
- Yellow (46%)
- Black (33%)




- Cyan (33%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8794, 0.4451, 0.3087 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 14.8794, 0.4451, 0.3087 by changing the saturation by 10% instead.


 14.8794, 0.4451,
0.3087

 14.8794, 0.4451,
0.3087


222.6351, 0.3660,
0.3229


 8.7348, 0.4706,
0.3029


 34.6415, 0.4125,
0.3153


 4.5686, 0.5076,
0.2935

 49.0277, 0.4015,
0.3173


 1.9964, 0.5653,
0.2763

 66.9300, 0.3927,
0.3188

 0.6054, 0.7429,
0.2571

 88.7326, 0.3854,
0.3200

 0.0000, 1.0000,
0.0000

 114.8201, 0.3794,
0.3209

 0.0000, 0.0000,
0.0000

145.5767, 0.3742,

0.3217

181.3869, 0.3698,
0.3224

■ 14.8794, 0.4451,
0.3087

■ 14.8794, 0.4451,
0.3087

■ 12.5282, 0.4854,
0.3068

■ 17.9127, 0.4096,
0.3119

■ 10.8039, 0.5282,
0.3070

■ 21.6730, 0.3797,
0.3157

■ 9.6465, 0.5692,
0.3098

■ 26.2043, 0.3550,
0.3197

■ 8.9830, 0.6030,
0.3151

■ 31.5461, 0.3350,
0.3237

■ 8.7336, 0.6182,
0.3179

■ 37.7355, 0.3188,
0.3274

■ 44.8071, 0.3057,
0.3309

■ 52.7936, 0.2951,
0.3341

■ 61.7263, 0.2864,
0.3370

■ 71.6346, 0.2793,
0.3397

Harmonies

Analogous

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



14.8794, 0.3701, 0.2568



14.8794, 0.4451, 0.3087



14.8794, 0.4773, 0.3679

Triad

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



14.8794, 0.4451, 0.3087



14.8794, 0.3219, 0.4783



14.8794, 0.1806, 0.2150

Complementary

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



14.8794, 0.4451, 0.3087



33.1869, 0.2530, 0.3529

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.



14.8794, 0.1717, 0.2557



14.8794, 0.4451, 0.3087



14.8794, 0.2466, 0.4206

Square

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



14.8794, 0.4451, 0.3087



14.8794, 0.3990, 0.4736



14.8794, 0.1934, 0.3301



14.8794, 0.2186, 0.2048

Rectangle

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



14.8794, 0.4451, 0.3087



14.8794, 0.4692, 0.4080



14.8794, 0.1934, 0.3301



14.8794, 0.1744, 0.2249

Sweetspot

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



14.8802, 0.4451, 0.3087



54.5656, 0.3385, 0.3229



15.4079, 0.2985, 0.1941



11.7297, 0.3423, 0.3221



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



14.8802, 0.4451, 0.3087



21.8126, 0.4928, 0.3067



20.1472, 0.4408, 0.3756



8.0343, 0.3264, 0.3256



6.5873, 0.6163, 0.3169



0.1891, 0.5486, 0.2796

Inverse Universe

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



14.8802, 0.4451, 0.3087



21.8126, 0.4928, 0.3067



23.3192, 0.2333, 0.2738



8.0343, 0.3264, 0.3256



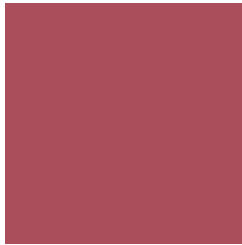
6.5873, 0.6163, 0.3169



0.1891, 0.5486, 0.2796

Previews

White Background



This preview shows how the Yxy color 14.8794, 0.4451, 0.3087 looks on a white background.

Color Contrast Check

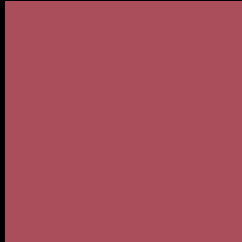
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8794, 0.4451, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

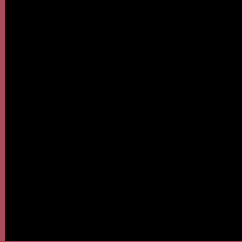
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8794, 0.4451, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 14.8794, 0.4451, 0.3087.



This preview shows how white text looks on a background with the Yxy color 14.8794, 0.4451, 0.3087.

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

14.8794, 0.4451, 0.3087

Protanopia

15.1228, 0.3155, 0.3290

Deuteranopia

15.0408, 0.3674, 0.3608



Tritanopia

14.9058, 0.4567, 0.3206

Trichromacy



Original Color

14.8794, 0.4451, 0.3087

Protanomaly

14.4142, 0.3589, 0.3196

Deuteranomaly

14.6565, 0.3957, 0.3401

Tritanomaly

14.9545, 0.4514, 0.3162

Monochromacy



Original Color

14.8794, 0.4451, 0.3087

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.0709, 0.3563, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8794, 0.4451, 0.3087 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(171, 78, 92)` looks like.

```
.text, #text, p{  
    color:rgb(171, 78, 92)  
}
```

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(171, 78, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 78, 92) }
```

Border

The CSS property to change the border of an element to Yxy 14.8794, 0.4451, 0.3087 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(171, 78, 92) }
```

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

```
.border{ border-color:rgb(171, 78, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 78, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 78, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 78, 92);  
box-shadow:4px 4px 4px 4px rgb(171, 78,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8794, 0.4451, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 78, 92) }
```

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

```
.background{ background-color: rgb(171, 78,  
92) }
```

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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