

Converting Colors

$Yxy(18.5233, 0.4783, 0.3253)$

Have a look what the booklet for
Yxy(18.5233, 0.4783, 0.3253)
contains.

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Color

Yxy(18.4981, 0.4778, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	C25457
RGB	194, 84, 87
RGB Percent	76%, 33%, 34%
CMY	0.2393, 0.6705, 0.6588
CMYK	0.00, 0.57, 0.55, 0.24
HSL	358°, 47%, 55%
HSV	358°, 57%, 76%
XYZ	27.1366, 18.4981, 11.1602
YIQ	117.2320, 64.5970, 24.2530

Conversions

Conversions Part 2

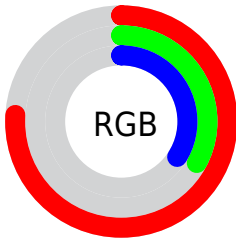
Format	Color
RYB	194, 84, 87
Decimal	12735575
CIELab	50.09, 44.35, 20.36
CIELCh	50, 48.796, 24.659
Yxy	18.4981, 0.4778, 0.3257
Android (android.graphics.Color)	4290925655 (0xFFC25457)
YUV	117.2320, -14.9044, 67.3255
Hunter-Lab	43.0094, 37.3573, 14.7219

Details

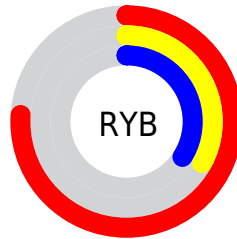
The Yxy color **18.4981, 0.4778, 0.3257** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **44.2239, 0.2438, 0.3333**, and the grayscale version is **17.8990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9575, 0.4399, 0.3294**, and **6.2466, 0.5452, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **15.6235, 0.5246, 0.3257**, and if you desaturate by 10%, it is **22.2890, 0.4349, 0.3261**.

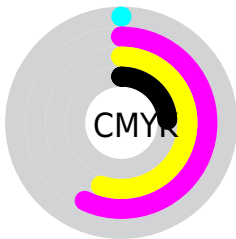
Distribution



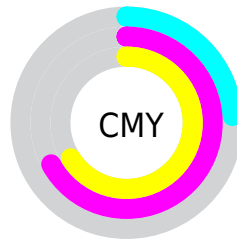
- Red (76%)
- Green (33%)
- Blue (34%)



- Red (76%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (57%)
- Yellow (55%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.4981, 0.4778, 0.3257 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 18.4981, 0.4778, 0.3257 by changing the saturation by 10% instead.


 18.4981, 0.4778,
0.3257


 18.4981, 0.4778,
0.3257


243.6638, 0.3823,
0.3321


 11.3082, 0.5063,
0.3214


 40.8843, 0.4397,
0.3297

 6.2745, 0.5457,
0.3137


 56.8493, 0.4264,
0.3306

 3.0127, 0.6023,
0.2986

 76.5082, 0.4156,
0.3312

 1.1384, 0.7204,
0.2796

 100.2453, 0.4066,
0.3316

 0.0105, 0.9907,
0.0093

 128.4450, 0.3991,
0.3319

 0.0000, 1.0000,
0.0000

161.4917, 0.3927,

 0.0000, 0.0000,

0.3320

0.0000

199.7699, 0.3871,
0.3321

■ 18.4981, 0.4778,
0.3257

■ 18.4981, 0.4778,
0.3257

■ 15.6235, 0.5246,
0.3257

■ 22.2890, 0.4349,
0.3261

■ 13.5851, 0.5704,
0.3262

■ 27.0617, 0.3982,
0.3266

■ 12.2942, 0.6082,
0.3273

■ 32.8789, 0.3678,
0.3273

■ 11.6323, 0.6320,
0.3285

■ 39.7976, 0.3433,
0.3279

■ 11.4790, 0.6374,
0.3285

■ 47.8703, 0.3236,
0.3286

■ 57.1465, 0.3079,
0.3292

■ 67.6725, 0.2952,
0.3298

■ 79.4923, 0.2850,
0.3303

■ 90.2075, 0.2773,
0.3289

Harmonies

Analogous

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



18.4981, 0.4066, 0.2668



18.4981, 0.4778, 0.3257



18.4981, 0.4926, 0.3903

Triad

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



18.4981, 0.4778, 0.3257



18.4981, 0.2925, 0.4834



18.4981, 0.1788, 0.1974

Complementary

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



18.4981, 0.4778, 0.3257



44.2239, 0.2438, 0.3333

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.



18.4981, 0.1591, 0.2288



18.4981, 0.4778, 0.3257



18.4981, 0.2164, 0.3990

Square

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



18.4981, 0.4778, 0.3257



18.4981, 0.3787, 0.4977



18.4981, 0.1705, 0.2981



18.4981, 0.2298, 0.1965

Rectangle

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



18.4981, 0.4778, 0.3257



18.4981, 0.4708, 0.4337



18.4981, 0.1705, 0.2981



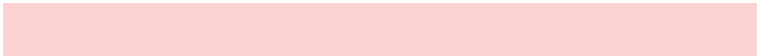
18.4981, 0.1688, 0.2041

Sweetspot

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



18.4991, 0.4778, 0.3257



71.3310, 0.3446, 0.3279



21.2261, 0.3146, 0.1951



15.0264, 0.3492, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



18.4991, 0.4778, 0.3257



27.2957, 0.5358, 0.3258



29.5296, 0.4372, 0.3966



10.0822, 0.3285, 0.3284



7.5504, 0.6367, 0.3281



0.3278, 0.6242, 0.3212

Inverse Universe

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



18.4991, 0.4778, 0.3257



27.2957, 0.5358, 0.3258



25.3251, 0.2245, 0.2454



10.0822, 0.3285, 0.3284



7.5504, 0.6367, 0.3281



0.3278, 0.6242, 0.3212

Previews

White Background



This preview shows how the Yxy color 18.4981, 0.4778, 0.3257 looks on a white 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

Black Background



This preview shows how the Yxy color 18.4981, 0.4778, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

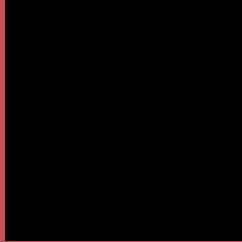
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4981, 0.4778, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 18.4981, 0.4778, 0.3257.

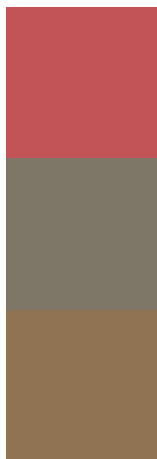


This preview shows how white text looks on a background with the Yxy color 18.4981, 0.4778, 0.3257.

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

18.4981, 0.4778, 0.3257

Protanopia

18.6085, 0.3410, 0.3596

Deuteranopia

18.7103, 0.3931, 0.3875



Tritanopia

18.5313, 0.4747, 0.3231

Trichromacy



Original Color

18.4981, 0.4778, 0.3257

Protanomaly

17.7504, 0.3898, 0.3447

Deuteranomaly

18.2221, 0.4252, 0.3612

Tritanomaly

18.5146, 0.4763, 0.3244

Monochromacy



Original Color

18.4981, 0.4778, 0.3257

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1635, 0.3687, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4981, 0.4778, 0.3257 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(194, 84, 87)` looks like.

```
.text, #text, p{  
    color:rgb(194, 84, 87)  
}
```

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(194, 84, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 84, 87) }
```

Border

The CSS property to change the border of an element to Yxy 18.4981, 0.4778, 0.3257 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(194, 84, 87) }
```

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

```
.border{ border-color:rgb(194, 84, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 84, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 84, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 84, 87);  
box-shadow:4px 4px 4px 4px rgb(194, 84,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4981, 0.4778, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 84, 87) }
```

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

```
.background{ background-color: rgb(194, 84,  
87) }
```

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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