

Converting Colors

$Yxy(18.8393, 0.4929, 0.3438)$

Have a look what the booklet for
Yxy(18.8393, 0.4929, 0.3438)
contains.

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Color

Yxy(18.7937, 0.4933, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	C2574B
RGB	194, 87, 75
RGB Percent	76%, 34%, 29%
CMY	0.2392, 0.6588, 0.7059
CMYK	0.00, 0.55, 0.61, 0.24
HSL	6°, 49%, 53%
HSV	6°, 61%, 76%
XYZ	26.9269, 18.7937, 8.8646
YIQ	117.6250, 67.6240, 18.9520

Conversions

Conversions Part 2

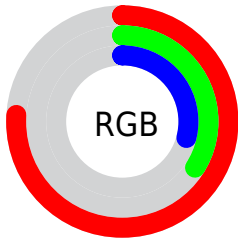
Format	Color
RYB	194, 88, 75
Decimal	12736331
CIELab	50.44, 41.99, 27.88
CIELCh	50, 50.399, 33.583
Yxy	18.7937, 0.4933, 0.3443
Android (android.graphics.Color)	4290926411 (0xFFC2574B)
YUV	117.6250, -21.0141, 66.9809
Hunter-Lab	43.3517, 35.0056, 18.2225

Details

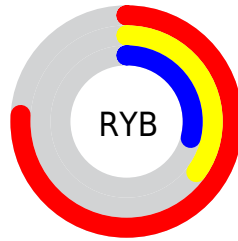
The Yxy color **18.7937, 0.4933, 0.3443** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **38.8461, 0.2346, 0.3103**, and the grayscale version is **18.0451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4714, 0.4524, 0.3458**, and **6.4519, 0.5628, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **16.0769, 0.5382, 0.3445**, and if you desaturate by 10%, it is **22.2759, 0.4505, 0.3427**.

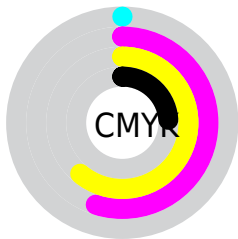
Distribution



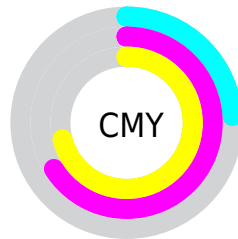
- Red (76%)
- Green (34%)
- Blue (29%)



- Red (76%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (24%)




- Cyan (24%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7937, 0.4933, 0.3443 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 18.7937, 0.4933, 0.3443 by changing the saturation by 10% instead.


 18.7937, 0.4933,
0.3443


 18.7937, 0.4933,
0.3443


245.3075, 0.3896,
0.3420


 11.5213, 0.5234,
0.3415


 41.3852, 0.4524,
0.3455


 6.4186, 0.5638,
0.3351


 57.4731, 0.4380,
0.3453


 3.1013, 0.6239,
0.3225

 77.2683, 0.4262,
0.3448

 1.1848, 0.7089,
0.2911

 101.1552, 0.4164,
0.3443

 0.0493, 0.9569,
0.0431

 129.5182, 0.4081,
0.3437

 0.0000, 1.0000,
0.0000

162.7416, 0.4010,

 0.0000, 0.0000,

0.3431

0.0000

201.2099, 0.3949,
0.3425

■ 18.7937, 0.4933,
0.3443

■ 18.7937, 0.4933,
0.3443

■ 16.0769, 0.5382,
0.3445

■ 22.2759, 0.4505,
0.3427

■ 14.0648, 0.5804,
0.3429

■ 26.5722, 0.4126,
0.3403

■ 12.6925, 0.6134,
0.3394

■ 31.7307, 0.3806,
0.3375

■ 11.9550, 0.6323,
0.3361

■ 37.7949, 0.3541,
0.3347

■ 44.8055, 0.3324,
0.3319

■ 52.8006, 0.3148,
0.3293

■ 61.8161, 0.3005,
0.3270

■ 71.8864, 0.2888,
0.3248

■ 83.0440, 0.2791,
0.3229

Harmonies

Analogous

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



18.7937, 0.4355, 0.2820



18.7937, 0.4933, 0.3443



18.7937, 0.4896, 0.4109

Triad

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



18.7937, 0.4933, 0.3443



18.7937, 0.2662, 0.4685



18.7937, 0.1879, 0.1913

Complementary

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



18.7937, 0.4933, 0.3443



38.8461, 0.2346, 0.3103

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.



18.7937, 0.1586, 0.2131



18.7937, 0.4933, 0.3443



18.7937, 0.1962, 0.3685

Square

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



18.7937, 0.4933, 0.3443



18.7937, 0.3538, 0.5061



18.7937, 0.1604, 0.2715



18.7937, 0.2495, 0.1986

Rectangle

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



18.7937, 0.4933, 0.3443



18.7937, 0.4577, 0.4542



18.7937, 0.1604, 0.2715



18.7937, 0.1746, 0.1950

Sweetspot

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



18.7947, 0.4933, 0.3443



72.1687, 0.3470, 0.3338



19.8834, 0.3339, 0.1998



15.0178, 0.3539, 0.3346



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.



18.7947, 0.4933, 0.3443



27.5844, 0.5551, 0.3442



32.6594, 0.4358, 0.4204



10.2377, 0.3286, 0.3314



7.9175, 0.6310, 0.3372



0.3984, 0.6030, 0.3594

Inverse Universe

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



38.8461, 0.2346, 0.3103



66.8234, 0.2248, 0.3054



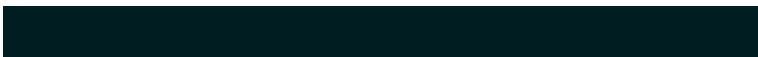
19.4580, 0.2118, 0.2095



11.2492, 0.2984, 0.3266



22.6422, 0.2159, 0.2974



1.0294, 0.2181, 0.3050

Previews

White Background



This preview shows how the Yxy color 18.7937, 0.4933, 0.3443 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 18.7937, 0.4933, 0.3443 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 18.7937, 0.4933, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 18.7937, 0.4933, 0.3443.



This preview shows how white text looks on a background with the Yxy color 18.7937, 0.4933, 0.3443.

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

18.7937, 0.4933, 0.3443

Protanopia

19.1252, 0.3640, 0.3910

Deuteranopia

18.9067, 0.4135, 0.4057



Tritanopia

18.8373, 0.4735, 0.3232

Trichromacy



Original Color

18.7937, 0.4933, 0.3443

Protanomaly

18.3341, 0.4102, 0.3729

Deuteranomaly

18.4635, 0.4434, 0.3803

Tritanomaly

18.9136, 0.4804, 0.3308

Monochromacy



Original Color

18.7937, 0.4933, 0.3443

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5857, 0.3750, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7937, 0.4933, 0.3443 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, 87, 75)` looks like.

```
.text, #text, p{  
    color:rgb(194, 87, 75)  
}
```

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, 87, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 87, 75) }
```

Border

The CSS property to change the border of an element to Yxy 18.7937, 0.4933, 0.3443 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, 87, 75) }
```

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

```
.border{ border-color:rgb(194, 87, 75) }
```

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

Here you see how a box with a 4 pixel rgb(194, 87, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 87, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 87, 75);  
box-shadow:4px 4px 4px 4px rgb(194, 87,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7937, 0.4933, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 87, 75) }
```

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

```
.background{ background-color: rgb(194, 87,  
75) }
```

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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