

Converting Colors

$Y_{xy}(17.3712, 0.4932, 0.3247)$

Have a look what the booklet for
Yxy(17.3712, 0.4932, 0.3247)
contains.

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Color

Yxy(17.3712, 0.4932, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	C24D51
RGB	194, 77, 81
RGB Percent	76%, 30%, 32%
CMY	0.2392, 0.6980, 0.6824
CMYK	0.00, 0.60, 0.58, 0.24
HSL	358°, 49%, 53%
HSV	358°, 60%, 76%
XYZ	26.3858, 17.3712, 9.7422
YIQ	112.4390, 68.4480, 26.0480

Conversions

Conversions Part 2

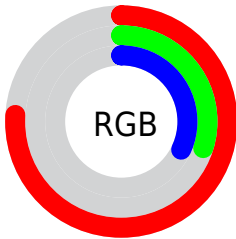
Format	Color
RYB	194, 77, 81
Decimal	12733777
CIELab	48.72, 47.19, 22.14
CIELCh	49, 52.124, 25.136
Yxy	17.3712, 0.4932, 0.3247
Android (android.graphics.Color)	4290923857 (0xFFC24D51)
YUV	112.4390, -15.4994, 71.5290
Hunter-Lab	41.6788, 40.0662, 15.3164

Details

The Yxy color **17.3712, 0.4932, 0.3247** 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 **43.8792, 0.2415, 0.3348**, and the grayscale version is **16.3713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8370, 0.4517, 0.3294**, and **5.7502, 0.5673, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **14.8065, 0.5401, 0.3249**, and if you desaturate by 10%, it is **20.8248, 0.4488, 0.3250**.

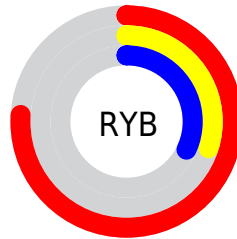
Distribution



Red (76%)

Green (30%)

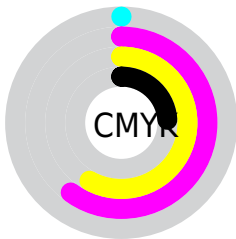
Blue (32%)



Red (76%)

Yellow (30%)

Blue (32%)

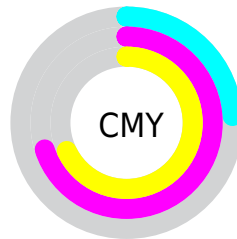


Cyan (0%)

Magenta (60%)

Yellow (58%)

Black (24%)



Cyan (24%)


Magenta (70%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3712, 0.4932, 0.3247 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 17.3712, 0.4932, 0.3247 by changing the saturation by 10% instead.


 17.3712, 0.4932,
0.3247


 17.3712, 0.4932,
0.3247


237.3025, 0.3881,
0.3326


 10.4995, 0.5247,
0.3194


 38.9629, 0.4511,
0.3296


 5.7314, 0.5680,
0.3098

 54.4517, 0.4365,
0.3308


 2.6824, 0.6311,
0.2918

 73.5816, 0.4246,
0.3315

 0.9683, 0.7406,
0.2594

 96.7371, 0.4148,
0.3320

 0.0000, 1.0000,
0.0000

 124.3026, 0.4065,
0.3323

 0.0000, 0.0000,
0.0000

156.6624, 0.3995,

0.3325

194.2009, 0.3934,
0.3326

■ 17.3712, 0.4932,
0.3247

■ 17.3712, 0.4932,
0.3247

■ 14.8065, 0.5401,
0.3249

■ 20.8248, 0.4488,
0.3250

■ 13.0468, 0.5840,
0.3257

■ 25.2354, 0.4100,
0.3257

■ 11.9974, 0.6176,
0.3271

■ 30.6680, 0.3776,
0.3265

■ 11.4832, 0.6367,
0.3281

■ 37.1809, 0.3513,
0.3273

■ 44.8282, 0.3301,
0.3282

■ 53.6602, 0.3132,
0.3290

■ 63.7242, 0.2996,
0.3297

■ 75.0651, 0.2886,
0.3304

■ 87.7254, 0.2797,
0.3310

Harmonies

Analogous

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



17.3712, 0.4164, 0.2625



17.3712, 0.4932, 0.3247



17.3712, 0.5065, 0.3931

Triad

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



17.3712, 0.4932, 0.3247



17.3712, 0.2876, 0.4986



17.3712, 0.1699, 0.1875

Complementary

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



17.3712, 0.4932, 0.3247



43.8792, 0.2415, 0.3348

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.



17.3712, 0.1486, 0.2193



17.3712, 0.4932, 0.3247



17.3712, 0.2068, 0.4037

Square

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



17.3712, 0.4932, 0.3247



17.3712, 0.3801, 0.5126



17.3712, 0.1594, 0.2925



17.3712, 0.2242, 0.1876

Rectangle

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



17.3712, 0.4932, 0.3247



17.3712, 0.4811, 0.4398



17.3712, 0.1594, 0.2925



17.3712, 0.1593, 0.1942

Sweetspot

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



17.3722, 0.4932, 0.3247



69.9907, 0.3466, 0.3275



19.9145, 0.3123, 0.1875



14.4876, 0.3536, 0.3273



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.



17.3722, 0.4932, 0.3247



25.7798, 0.5532, 0.3250



27.8786, 0.4494, 0.3974



10.0833, 0.3284, 0.3283



7.5527, 0.6358, 0.3276



0.3283, 0.6205, 0.3192

Inverse Universe

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



17.3722, 0.4932, 0.3247



25.7798, 0.5532, 0.3250



24.6275, 0.2202, 0.2424



10.0833, 0.3284, 0.3283



7.5527, 0.6358, 0.3276



0.3283, 0.6205, 0.3192

Previews

White Background



This preview shows how the Yxy color 17.3712, 0.4932, 0.3247 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 17.3712, 0.4932, 0.3247 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 17.3712, 0.4932, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 17.3712, 0.4932, 0.3247.



This preview shows how white text looks on a background with the Yxy color 17.3712, 0.4932, 0.3247.

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

17.3712, 0.4932, 0.3247

Protanopia

17.5836, 0.3442, 0.3642

Deuteranopia

17.4523, 0.4010, 0.3939



Tritanopia

17.3863, 0.4916, 0.3234

Trichromacy



Original Color

17.3712, 0.4932, 0.3247

Protanomaly

16.6650, 0.3968, 0.3466

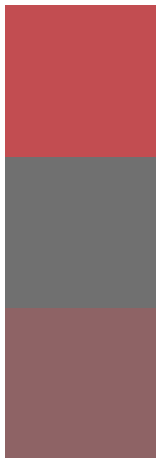
Deuteranomaly

16.9331, 0.4370, 0.3645

Tritanomaly

17.3863, 0.4916, 0.3234

Monochromacy



Original Color

17.3712, 0.4932, 0.3247

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6140, 0.3746, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3712, 0.4932, 0.3247 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, 77, 81)` looks like.

```
.text, #text, p{  
    color:rgb(194, 77, 81)  
}
```

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, 77, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 77, 81) }
```

Border

The CSS property to change the border of an element to Yxy 17.3712, 0.4932, 0.3247 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, 77, 81) }
```

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

```
.border{ border-color:rgb(194, 77, 81) }
```

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

Here you see how a box with a 4 pixel rgb(194, 77, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 77, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 77, 81);  
box-shadow:4px 4px 4px 4px rgb(194, 77,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3712, 0.4932, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 77, 81) }
```

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

```
.background{ background-color: rgb(194, 77,  
81) }
```

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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