

Converting Colors

$Y_{xy}(17.2544, 0.4905, 0.3234)$

Have a look what the booklet for
Yxy(17.2544, 0.4905, 0.3234)
contains.

Yxy(17.2544, 0.4905, 0.3234)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.2544, 0.4905, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	C14D52
RGB	193, 77, 82
RGB Percent	76%, 30%, 32%
CMY	0.2431, 0.6980, 0.6785
CMYK	0.00, 0.60, 0.58, 0.24
HSL	357°, 48%, 53%
HSV	357°, 60%, 76%
XYZ	26.1697, 17.2544, 9.9290
YIQ	112.2540, 67.5310, 26.1470

Conversions

Conversions Part 2

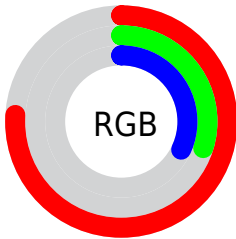
Format	Color
RYB	193, 77, 82
Decimal	12668242
CIELab	48.58, 46.92, 21.32
CIELCh	49, 51.539, 24.438
Yxy	17.2544, 0.4905, 0.3234
Android (android.graphics.Color)	4290858322 (0xFFC14D52)
YUV	112.2540, -14.9152, 70.8142
Hunter-Lab	41.5384, 39.7649, 14.9047

Details

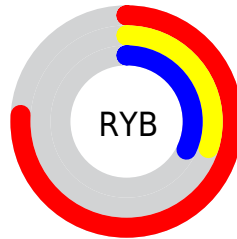
The Yxy color **17.2544, 0.4905, 0.3234** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **43.3529, 0.2422, 0.3364**, and the grayscale version is **16.3116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6748, 0.4496, 0.3284**, and **5.7022, 0.5655, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **14.6990, 0.5372, 0.3236**, and if you desaturate by 10%, it is **20.6884, 0.4466, 0.3239**.

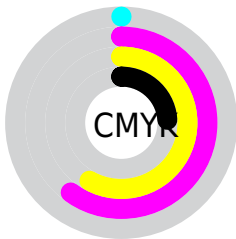
Distribution



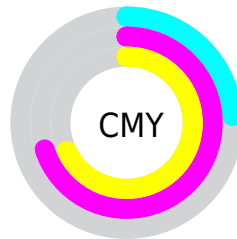
- Red (76%)
- Green (30%)
- Blue (32%)



- 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 17.2544, 0.4905, 0.3234 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 17.2544, 0.4905, 0.3234 by changing the saturation by 10% instead.


 17.2544, 0.4905,
0.3234


 17.2544, 0.4905,
0.3234


236.6342, 0.3868,
0.3318


 10.4160, 0.5217,
0.3181


 38.7627, 0.4489,
0.3285


 5.6757, 0.5648,
0.3085

 54.2014, 0.4345,
0.3297

 2.6489, 0.6275,
0.2904

 73.2756, 0.4228,
0.3305

 0.9513, 0.7406,
0.2594

 96.3698, 0.4131,
0.3310

 0.0000, 1.0000,
0.0000

 123.8684, 0.4050,
0.3314

 0.0000, 0.0000,
0.0000

156.1557, 0.3980,

0.3316

193.6162, 0.3920,
0.3317

■ 17.2544, 0.4905,
0.3234

■ 17.2544, 0.4905,
0.3234

■ 14.6990, 0.5372,
0.3236

■ 20.6884, 0.4466,
0.3239

■ 12.9401, 0.5812,
0.3245

■ 25.0682, 0.4083,
0.3247

■ 11.8846, 0.6155,
0.3262

■ 30.4573, 0.3764,
0.3258

■ 11.3564, 0.6358,
0.3276

■ 36.9134, 0.3505,
0.3269

■ 44.4894, 0.3296,
0.3280

■ 53.2350, 0.3129,
0.3290

■ 63.1968, 0.2994,
0.3299

■ 74.4188, 0.2886,
0.3308

■ 86.9429, 0.2798,
0.3315

Harmonies

Analogous

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



17.2544, 0.4132, 0.2617



17.2544, 0.4905, 0.3234



17.2544, 0.5055, 0.3913

Triad

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



17.2544, 0.4905, 0.3234



17.2544, 0.2901, 0.4982



17.2544, 0.1701, 0.1889

Complementary

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



17.2544, 0.4905, 0.3234



43.3529, 0.2422, 0.3364

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.



17.2544, 0.1496, 0.2215



17.2544, 0.4905, 0.3234



17.2544, 0.2093, 0.4057

Square

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



17.2544, 0.4905, 0.3234



17.2544, 0.3820, 0.5104



17.2544, 0.1612, 0.2952



17.2544, 0.2232, 0.1882

Rectangle

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



17.2544, 0.4905, 0.3234



17.2544, 0.4812, 0.4377



17.2544, 0.1612, 0.2952



17.2544, 0.1597, 0.1958

Sweetspot

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



17.2554, 0.4905, 0.3234



68.4264, 0.3463, 0.3271



19.7496, 0.3123, 0.1879



13.8850, 0.3531, 0.3268



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



17.2554, 0.4905, 0.3234



25.2279, 0.5511, 0.3238



27.6286, 0.4488, 0.3973



10.0847, 0.3282, 0.3281



7.5558, 0.6347, 0.3270



0.3289, 0.6156, 0.3165

Inverse Universe

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



17.2554, 0.4905, 0.3234



25.2279, 0.5511, 0.3238



24.4207, 0.2205, 0.2427



10.0847, 0.3282, 0.3281



7.5558, 0.6347, 0.3270



0.3289, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 17.2544, 0.4905, 0.3234 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

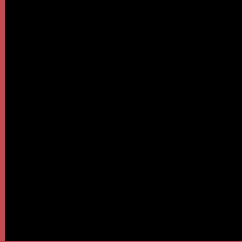
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2544, 0.4905, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 17.2544, 0.4905, 0.3234.

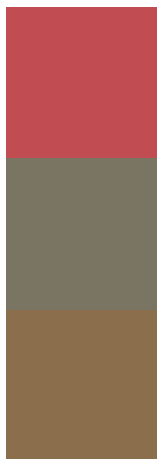


This preview shows how white text looks on a background with the Yxy color 17.2544, 0.4905, 0.3234.

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

17.2544, 0.4905, 0.3234

Protanopia

17.5292, 0.3416, 0.3624

Deuteranopia

17.3796, 0.3983, 0.3925



Tritanopia

17.2544, 0.4905, 0.3234

Trichromacy



Original Color

17.2544, 0.4905, 0.3234

Protanomaly

16.5890, 0.3939, 0.3450

Deuteranomaly

16.8447, 0.4342, 0.3632

Tritanomaly

17.2544, 0.4905, 0.3234

Monochromacy



Original Color

17.2544, 0.4905, 0.3234

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5260, 0.3731, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2544, 0.4905, 0.3234 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(193, 77, 82)` looks like.

```
.text, #text, p{  
    color:rgb(193, 77, 82)  
}
```

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(193, 77, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 77, 82) }
```

Border

The CSS property to change the border of an element to Yxy 17.2544, 0.4905, 0.3234 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(193, 77, 82) }
```

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

```
.border{ border-color:rgb(193, 77, 82) }
```

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

Here you see how a box with a 4 pixel rgb(193, 77, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 77, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 77, 82);  
box-shadow:4px 4px 4px 4px rgb(193, 77,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2544, 0.4905, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 77, 82) }
```

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

```
.background{ background-color: rgb(193, 77,  
82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor