

Converting Colors

$Yxy(22.9311, 0.4946, 0.3488)$

Have a look what the booklet for
Yxy(22.9311, 0.4946, 0.3488)
contains.

Yxy(22.9775, 0.4947, 0.3488)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.9775, 0.4947, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	D36150
RGB	211, 97, 80
RGB Percent	83%, 38%, 31%
CMY	0.1725, 0.6196, 0.6862
CMYK	0.00, 0.54, 0.62, 0.17
HSL	8°, 60%, 57%
HSV	8°, 62%, 83%
XYZ	32.5888, 22.9775, 10.3096
YIQ	129.1480, 73.4010, 18.8810

Conversions

Conversions Part 2

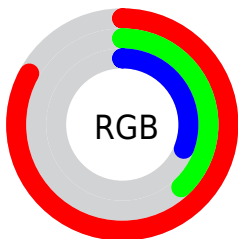
Format	Color
R _Y B	211, 100, 80
Decimal	13853008
CIE Lab	55.05, 43.71, 31.34
CIE LCh	55, 53.785, 35.642
Yxy	22.9775, 0.4947, 0.3488
Android (android.graphics.Color)	4292043088 (0xFFD36150)
YUV	129.1480, -24.2300, 71.7842
Hunter-Lab	47.9349, 37.4683, 20.8026

Details

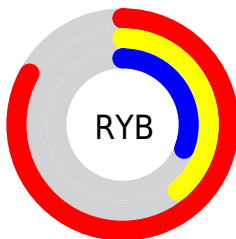
The Yxy color **22.9775, 0.4947, 0.3488** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **45.0033, 0.2324, 0.3043**, and the grayscale version is **22.0758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6844, 0.4401, 0.3501**, and **8.5774, 0.5582, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **19.7043, 0.5389, 0.3490**, and if you desaturate by 10%, it is **27.1366, 0.4523, 0.3468**.

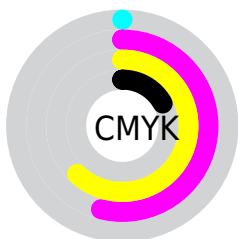
Distribution



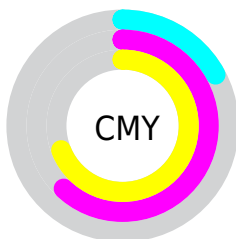
- Red (83%)
- Green (38%)
- Blue (31%)



- Red (83%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (62%)
- Black (17%)




- Cyan (17%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9775, 0.4947, 0.3488 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 22.9775, 0.4947, 0.3488 by changing the saturation by 10% instead.


 22.9775, 0.4947,
0.3488


 22.9775, 0.4947,
0.3488


267.6094, 0.3934,
0.3446


 14.5769, 0.5225,
0.3467


 48.3564, 0.4557,
0.3493

 8.5230, 0.5591,
0.3416


 66.1034, 0.4417,
0.3488


 4.4314, 0.6083,
0.3300

 87.7348, 0.4301,
0.3482

 1.9177, 0.6893,
0.3107

 113.6348, 0.4204,
0.3474

 0.5590, 0.7677,
0.2323

 144.1879, 0.4121,
0.3467

 0.0000, 1.0000,
0.0000


179.7784, 0.4050,


 0.0000, 0.0000,


0.3460


0.0000


220.7908, 0.3988,
0.3453

 22.9775, 0.4947,
0.3488


 22.9775, 0.4947,
0.3488


 19.7043, 0.5389,
0.3490


 27.1366, 0.4523,
0.3468


 17.2488, 0.5801,
0.3469


 32.2360, 0.4146,
0.3438

 15.5388, 0.6124,
0.3424

 38.3298, 0.3825,
0.3402

 14.6505, 0.6296,
0.3383

 45.4672, 0.3558,
0.3366

 53.6941, 0.3339,
0.3330

■ 63.0534, 0.3160,
0.3297

■ 73.5859, 0.3014,
0.3266

■ 85.3303, 0.2894,
0.3238

■ 92.5900, 0.2866,
0.3289

Harmonies

Analogous

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



22.9775, 0.4409, 0.2861



22.9775, 0.4947, 0.3488



22.9775, 0.4869, 0.4154

Triad

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



22.9775, 0.4947, 0.3488



22.9775, 0.2607, 0.4627



22.9775, 0.1913, 0.1912

Complementary

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



22.9775, 0.4947, 0.3488



45.0033, 0.2324, 0.3043

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.



22.9775, 0.1598, 0.2107



22.9775, 0.4947, 0.3488



22.9775, 0.1928, 0.3610

Square

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



22.9775, 0.4947, 0.3488



22.9775, 0.3477, 0.5058



22.9775, 0.1595, 0.2663



22.9775, 0.2550, 0.2003

Rectangle

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



22.9775, 0.4947, 0.3488



22.9775, 0.4532, 0.4582



22.9775, 0.1595, 0.2663



22.9775, 0.1773, 0.1942

Sweetspot

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



22.9787, 0.4947, 0.3488



73.2471, 0.3490, 0.3355



23.5625, 0.3369, 0.2001



14.9340, 0.3558, 0.3366



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.



22.9787, 0.4947, 0.3488



29.0994, 0.5507, 0.3487



39.8471, 0.4365, 0.4239



12.0518, 0.3287, 0.3321



8.9248, 0.6278, 0.3397



0.5822, 0.5996, 0.3621

Inverse Universe

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



45.0033, 0.2324, 0.3043



65.2792, 0.2230, 0.2985



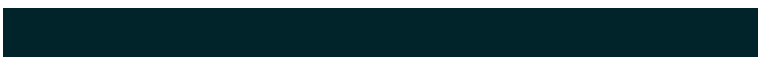
22.4358, 0.2093, 0.2035



13.1346, 0.2983, 0.3259



23.5437, 0.2133, 0.2878



1.3910, 0.2156, 0.2960

Previews

White Background



This preview shows how the Yxy color 22.9775, 0.4947, 0.3488 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 22.9775, 0.4947, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

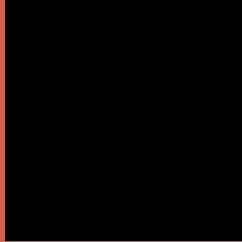
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9775, 0.4947, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 22.9775, 0.4947, 0.3488.



This preview shows how white text looks on a background with the Yxy color 22.9775, 0.4947, 0.3488.

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

22.9775, 0.4947, 0.3488

Protanopia

23.1503, 0.3682, 0.3946

Deuteranopia

23.0068, 0.4162, 0.4087



Tritanopia

22.9226, 0.4706, 0.3224

Trichromacy



Original Color

22.9775, 0.4947, 0.3488

Protanomaly

22.2398, 0.4144, 0.3754

Deuteranomaly

22.3810, 0.4462, 0.3832

Tritanomaly

22.9718, 0.4798, 0.3318

Monochromacy



Original Color

22.9775, 0.4947, 0.3488

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2412, 0.3754, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9775, 0.4947, 0.3488 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(211, 97, 80)` looks like.

```
.text, #text, p{  
    color:rgb(211, 97, 80)  
}
```

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(211, 97, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 97, 80) }
```

Border

The CSS property to change the border of an element to Yxy 22.9775, 0.4947, 0.3488 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(211, 97, 80) }
```

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

```
.border{ border-color:rgb(211, 97, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 97, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 97, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 97, 80);  
box-shadow:4px 4px 4px 4px rgb(211, 97,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9775, 0.4947, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 97, 80) }
```

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

```
.background{ background-color: rgb(211, 97,  
80) }
```

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