

Converting Colors

Yxy(52.3483, 0.4452, 0.4847)

Have a look what the booklet for
Yxy(52.3483, 0.4452, 0.4847)
contains.

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Color

Yxy(52.4772, 0.4449, 0.4849)

Conversions

Conversions Part 1

Format	Color
Hex	DCBF00
RGB	220, 191, 0
RGB Percent	86%, 75%, 0%
CMY	0.1372, 0.2510, 0.9991
CMYK	0.00, 0.13, 1.00, 0.14
HSL	52°, 100%, 43%
HSV	52°, 100%, 86%
XYZ	48.1483, 52.4772, 7.5972
YIQ	177.8970, 78.5950, -53.2530

Conversions

Conversions Part 2

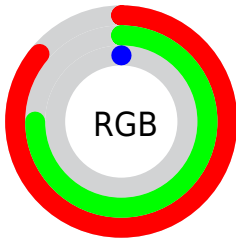
Format	Color
R _Y B	33, 220, 0
Decimal	14466816
CIE Lab	77.57, -4.72, 78.98
CIE LCh	78, 79.123, 93.418
Yxy	52.4772, 0.4449, 0.4849
Android (android.graphics.Color)	4292656896 (0xFFDCBF00)
YUV	177.8970, -87.7032, 36.9243
Hunter-Lab	72.4411, -8.1313, 44.4908

Details

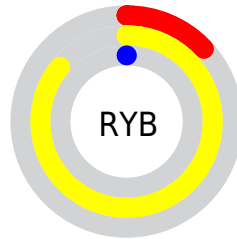
The Yxy color **52.4772, 0.4449, 0.4849** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **6.0589, 0.1526, 0.0692**, and the grayscale version is **44.9206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4061, 0.4096, 0.4761**, and **25.6505, 0.4455, 0.4845** is the 20% darker color. If you saturate the color by 10%, you get **52.4664, 0.4449, 0.4849**, and if you desaturate by 10%, it is **53.8170, 0.4395, 0.4834**.

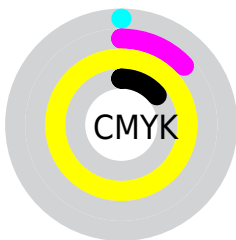
Distribution



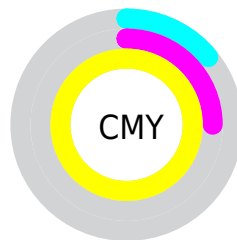
- Red (86%)
- Green (75%)
- Blue (0%)



- Red (13%)
- Yellow (86%)
- Blue (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (100%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4772, 0.4449, 0.4849 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 52.4772, 0.4449, 0.4849 by changing the saturation by 10% instead.

52.4772, 0.4449,
0.4849

52.4772, 0.4449,
0.4849

396.2761, 0.3900,
0.4178

37.3856, 0.4536,
0.4965

93.8346, 0.4285,
0.4641

25.5062, 0.4619,
0.5083

120.8692, 0.4213,
0.4552

16.4546, 0.4711,
0.5222

152.6536, 0.4147,
0.4472

9.8464, 0.4718,
0.5282

189.5722, 0.4087,
0.4400

5.2972, 0.4683,
0.5317

232.0093, 0.4033,
0.4336

2.4227, 0.4625,
0.5375

280.3494, 0.3985,

0.8375, 0.4484,

0.4278

0.5516

334.9769, 0.3940,
0.4225

■ 0.0000, 0.0000,
0.0000

■ 52.4772, 0.4449,
0.4849

■ 52.4772, 0.4449,
0.4849

■ 52.4664, 0.4449,
0.4849

■ 53.8170, 0.4395,
0.4834

■ 55.2459, 0.4317,
0.4780

■ 56.7879, 0.4211,
0.4680

■ 58.4554, 0.4080,
0.4538

■ 60.2585, 0.3931,
0.4362

■ 62.2065, 0.3769,
0.4161

■ 64.3075, 0.3603,
0.3944

■ 66.5690, 0.3438,
0.3722

■ 68.9980, 0.3277,
0.3501

Harmonies

Analogous

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



52.4772, 0.5064, 0.4139



52.4772, 0.4449, 0.4849



52.4772, 0.3552, 0.5267

Triad

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



52.4772, 0.4449, 0.4849



52.4772, 0.1468, 0.2641



52.4772, 0.3416, 0.2213

Complementary

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



52.4772, 0.4449, 0.4849



6.0589, 0.1526, 0.0692

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.



52.4772, 0.2421, 0.1872



52.4772, 0.4449, 0.4849



52.4772, 0.1454, 0.2015

Square

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



52.4772, 0.4449, 0.4849



52.4772, 0.1843, 0.3729



52.4772, 0.1763, 0.1791



52.4772, 0.4488, 0.2761

Rectangle

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



52.4772, 0.4449, 0.4849



52.4772, 0.2908, 0.5117



52.4772, 0.1763, 0.1791



52.4772, 0.3056, 0.2073

Sweetspot

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



52.4797, 0.4449, 0.4849



89.7417, 0.3609, 0.3952



15.3127, 0.6244, 0.3214



18.9363, 0.3680, 0.4045



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.



52.4797, 0.4449, 0.4849



73.1577, 0.4452, 0.4847



56.7149, 0.3558, 0.5557



14.9554, 0.3270, 0.3491



30.9082, 0.4445, 0.4853



2.0855, 0.4398, 0.4890

Inverse Universe

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



6.0589, 0.1526, 0.0692



8.3442, 0.1523, 0.0683



6.9134, 0.1783, 0.0756



12.8928, 0.2981, 0.3081



3.6408, 0.1530, 0.0706



0.3280, 0.1594, 0.0939

Previews

White Background



This preview shows how the Yxy color 52.4772, 0.4449, 0.4849 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 52.4772, 0.4449, 0.4849 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 ✓ Pass

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

Yxy 52.4772, 0.4449, 0.4849

Background



This preview shows how black text looks on a background with the Yxy color 52.4772, 0.4449, 0.4849.



This preview shows how white text looks on a background with the Yxy color 52.4772, 0.4449, 0.4849.

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

52.4772, 0.4449, 0.4849

Protanopia

52.3092, 0.4400, 0.4877

Deuteranopia

52.3950, 0.4693, 0.4596



Tritanopia

52.5913, 0.3485, 0.3145

Trichromacy



Original Color

52.4772, 0.4449, 0.4849

Protanomaly

52.4576, 0.4411, 0.4873

Deuteranomaly

52.2248, 0.4610, 0.4687

Tritanomaly

51.6030, 0.4030, 0.3989

Monochromacy



Original Color

52.4772, 0.4449, 0.4849

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

46.3967, 0.3787, 0.4192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4772, 0.4449, 0.4849 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(220, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(220, 191, 0)  
}
```

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(220, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 191, 0) }
```

Border

The CSS property to change the border of an element to Yxy 52.4772, 0.4449, 0.4849 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(220, 191, 0) }
```

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

```
.border{ border-color:rgb(220, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(220, 191,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4772, 0.4449, 0.4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 191, 0) }
```

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

```
.background{ background-color: rgb(220,  
191, 0) }
```

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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