

Converting Colors

$Y_{xy}(55.0095, 0.4418, 0.4874)$

Have a look what the booklet for
Yxy(55.0095, 0.4418, 0.4874)
contains.

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Color

Yxy(55.0095, 0.4418, 0.4874)

Conversions

Conversions Part 1

Format	Color
Hex	DEC400
RGB	222, 196, 0
RGB Percent	87%, 77%, 0%
CMY	0.1294, 0.2313, 0.9998
CMYK	0.00, 0.12, 1.00, 0.13
HSL	53°, 100%, 44%
HSV	53°, 100%, 87%
XYZ	49.8629, 55.0095, 7.9907
YIQ	181.4300, 78.4120, -55.4440

Conversions

Conversions Part 2

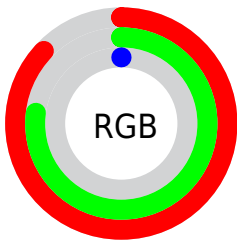
Format	Color
RYB	29, 222, 0
Decimal	14599168
CIELab	79.05, -6.43, 80.14
CIElCh	79, 80.396, 94.585
Yxy	55.0095, 0.4418, 0.4874
Android (android.graphics.Color)	4292789248 (0xFFDEC400)
YUV	181.4300, -89.4450, 35.5799
Hunter-Lab	74.1684, -9.7903, 45.5301

Details

The Yxy color **55.0095, 0.4418, 0.4874** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **6.0144, 0.1521, 0.0675**, and the grayscale version is **46.9209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5209, 0.4063, 0.4788**, and **27.3263, 0.4413, 0.4878** is the 20% darker color. If you saturate the color by 10%, you get **55.0092, 0.4418, 0.4874**, and if you desaturate by 10%, it is **56.2538, 0.4369, 0.4857**.

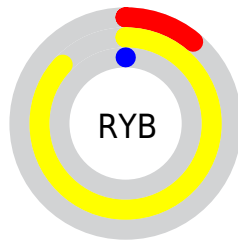
Distribution



Red (87%)

Green (77%)

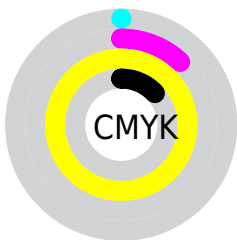
Blue (0%)



Red (11%)

Yellow (87%)

Blue (0%)

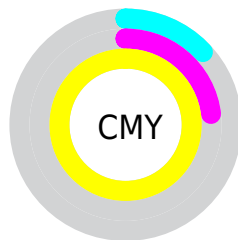


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0095, 0.4418, 0.4874 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 55.0095, 0.4418, 0.4874 by changing the saturation by 10% instead.


 55.0095, 0.4418,
0.4874


 55.0095, 0.4418,
0.4874


405.9479, 0.3890,
0.4193


 39.4093, 0.4500,
0.4993


 97.5549, 0.4262,
0.4663


 27.0783, 0.4578,
0.5115


 125.2689, 0.4193,
0.4573


 17.6320, 0.4656,
0.5252


 157.7896, 0.4129,
0.4491

 10.6861, 0.4668,
0.5332

 195.5014, 0.4072,
0.4419

 5.8562, 0.4621,
0.5379

 238.7888, 0.4019,
0.4353

 2.7578, 0.4548,
0.5452

 288.0361, 0.3972,

 1.0067, 0.4413,

0.4294

0.5587

343.6277, 0.3929,
0.4241

■ 0.0000, 0.0000,
0.0000

■ 55.0095, 0.4418,
0.4874

■ 55.0095, 0.4418,
0.4874

■ 55.0092, 0.4418,
0.4874

■ 56.2538, 0.4369,
0.4857

■ 57.5834, 0.4296,
0.4801

■ 59.0229, 0.4195,
0.4701

■ 60.5850, 0.4069,
0.4558

■ 62.2801, 0.3923,
0.4379

■ 64.1176, 0.3766,
0.4176

■ 66.1057, 0.3602,
0.3957

■ 68.2520, 0.3438,
0.3731

■ 70.5637, 0.3278,
0.3507

Harmonies

Analogous

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



55.0095, 0.5049, 0.4168



55.0095, 0.4418, 0.4874



55.0095, 0.3515, 0.5270

Triad

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



55.0095, 0.4418, 0.4874



55.0095, 0.1461, 0.2607



55.0095, 0.3460, 0.2231

Complementary

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



55.0095, 0.4418, 0.4874



6.0144, 0.1521, 0.0675

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.



55.0095, 0.2454, 0.1881



55.0095, 0.4418, 0.4874



55.0095, 0.1459, 0.1999

Square

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



55.0095, 0.4418, 0.4874



55.0095, 0.1821, 0.3681



55.0095, 0.1781, 0.1789



55.0095, 0.4525, 0.2785

Rectangle

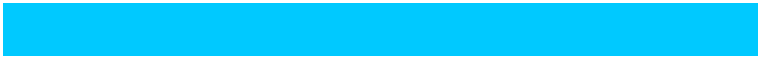
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.0095, 0.4418, 0.4874



55.0095, 0.2871, 0.5095



55.0095, 0.1781, 0.1789



55.0095, 0.3097, 0.2088

Sweetspot

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



55.0121, 0.4418, 0.4874



90.4323, 0.3606, 0.3962



15.6216, 0.6246, 0.3215



19.1037, 0.3676, 0.4057



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.



55.0121, 0.4418, 0.4874



75.1884, 0.4420, 0.4873



57.8681, 0.3557, 0.5558



15.7412, 0.3270, 0.3495



32.7835, 0.4414, 0.4877



2.3510, 0.4376, 0.4908

Inverse Universe

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



6.0144, 0.1521, 0.0675



8.1413, 0.1519, 0.0668



7.0432, 0.1782, 0.0755



13.5004, 0.2981, 0.3076



3.6544, 0.1525, 0.0689



0.3403, 0.1581, 0.0890

Previews

White Background



This preview shows how the Yxy color 55.0095, 0.4418, 0.4874 looks on a white background.

Color Contrast Check

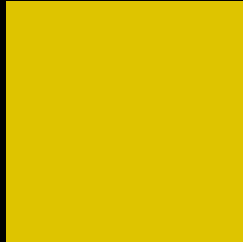
Large Text (above 18pt) WCAG AA × Fail

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 55.0095, 0.4418, 0.4874 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 55.0095, 0.4418, 0.4874

Background



This preview shows how black text looks on a background with the Yxy color 55.0095, 0.4418, 0.4874.



This preview shows how white text looks on a background with the Yxy color 55.0095, 0.4418, 0.4874.

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

55.0095, 0.4418, 0.4874

Protanopia

54.8586, 0.4407, 0.4877

Deuteranopia

54.9579, 0.4691, 0.4597



Tritanopia

54.7651, 0.3452, 0.3135

Trichromacy



Original Color

55.0095, 0.4418, 0.4874

Protanomaly

54.8564, 0.4408, 0.4878

Deuteranomaly

55.0385, 0.4593, 0.4703

Tritanomaly

53.6793, 0.4002, 0.3994

Monochromacy



Original Color

55.0095, 0.4418, 0.4874

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

48.0914, 0.3785, 0.4192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0095, 0.4418, 0.4874 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(222, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 196, 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(222, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 0) }
```

Border

The CSS property to change the border of an element to Yxy 55.0095, 0.4418, 0.4874 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(222, 196, 0) }
```

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

```
.border{ border-color:rgb(222, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 196,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0095, 0.4418, 0.4874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 196, 0) }
```

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

```
.background{ background-color: rgb(222,  
196, 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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