

Converting Colors

Yxy(44.6038, 0.4250, 0.4448)

Have a look what the booklet for
Yxy(44.6038, 0.4250, 0.4448)
contains.

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Color

Yxy(44.5778, 0.4253, 0.4449)

Conversions

Conversions Part 1

Format	Color
Hex	D0AF4B
RGB	208, 175, 75
RGB Percent	82%, 69%, 29%
CMY	0.1843, 0.3137, 0.7061
CMYK	0.00, 0.16, 0.64, 0.18
HSL	45°, 59%, 55%
HSV	45°, 64%, 82%
XYZ	42.6139, 44.5778, 13.0056
YIQ	173.4670, 51.7680, -24.1040

Conversions

Conversions Part 2

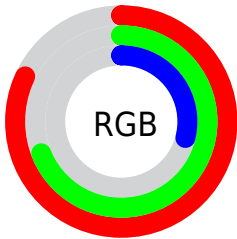
Format	Color
RYB	119, 208, 75
Decimal	13676363
CIELab	72.61, 0.73, 54.28
CIELCh	73, 54.290, 89.227
Yxy	44.5778, 0.4253, 0.4449
Android (android.graphics.Color)	4291866443 (0xFFD0AF4B)
YUV	173.4670, -48.5442, 30.2854
Hunter-Lab	66.7666, -2.9136, 35.1874

Details

The Yxy color **44.5778, 0.4253, 0.4449** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **16.7658, 0.1998, 0.1706**, and the grayscale version is **42.2727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4121, 0.3975, 0.4299**, and **20.6970, 0.4491, 0.4699** is the 20% darker color. If you saturate the color by 10%, you get **42.3696, 0.4415, 0.4560**, and if you desaturate by 10%, it is **46.9601, 0.4074, 0.4302**.

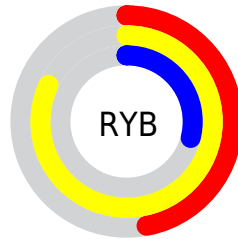
Distribution



Red (82%)

Green (69%)

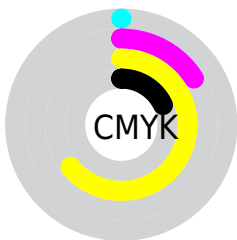
Blue (29%)



Red (47%)

Yellow (82%)

Blue (29%)

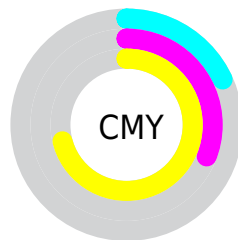


Cyan (0%)

Magenta (16%)

Yellow (64%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5778, 0.4253, 0.4449 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 44.5778, 0.4253, 0.4449 by changing the saturation by 10% instead.

 44.5778, 0.4253,
0.4449


 44.5778, 0.4253,
0.4449


365.0609, 0.3721,
0.3904

 31.1250, 0.4366,
0.4564


 82.0865, 0.4073,
0.4265

 20.6941, 0.4495,
0.4695


 106.9112, 0.4000,
0.4191


 12.9006, 0.4639,
0.4839


 136.2953, 0.3938,
0.4127

 7.3601, 0.4853,
0.5053

 170.6232, 0.3883,
0.4071

 3.6883, 0.4906,
0.5094

 210.2793, 0.3835,
0.4021

 1.5008, 0.4917,
0.5083

255.6481, 0.3793,

 0.2893, 0.5030,

0.3977

0.4970

307.1138, 0.3755,
0.3939

0.0000, 0.0000,
0.0000

44.5778, 0.4253,
0.4449

44.5778, 0.4253,
0.4449

42.3696, 0.4415,
0.4560

46.9601, 0.4074,
0.4302

40.3189, 0.4554,
0.4625

49.5191, 0.3887,
0.4129

38.4153, 0.4662,
0.4643

52.2651, 0.3700,
0.3940

37.3258, 0.4717,
0.4637

55.2056, 0.3518,
0.3745

58.3474, 0.3346,
0.3551

■ 61.6969, 0.3187,
0.3362

■ 65.2603, 0.3041,
0.3183

■ 69.0434, 0.2908,
0.3016

■ 72.5816, 0.2829,
0.2932

Harmonies

Analogous

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



44.5778, 0.4622, 0.3940



44.5778, 0.4253, 0.4449



44.5778, 0.3607, 0.4709

Triad

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



44.5778, 0.4253, 0.4449



44.5778, 0.1880, 0.2943



44.5778, 0.3244, 0.2415

Complementary

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



44.5778, 0.4253, 0.4449



16.7658, 0.1998, 0.1706

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.



44.5778, 0.2521, 0.2169



44.5778, 0.4253, 0.4449



44.5778, 0.1813, 0.2393

Square

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



44.5778, 0.4253, 0.4449



44.5778, 0.2245, 0.3741



44.5778, 0.2030, 0.2148



44.5778, 0.4022, 0.2840

Rectangle

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



44.5778, 0.4253, 0.4449



44.5778, 0.3115, 0.4611



44.5778, 0.2030, 0.2148



44.5778, 0.2984, 0.2311

Sweetspot

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



44.5799, 0.4253, 0.4449



89.8322, 0.3435, 0.3652



19.5247, 0.4654, 0.2908



18.9227, 0.3486, 0.3709



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.



44.5799, 0.4253, 0.4449



65.8532, 0.4473, 0.4591



54.7106, 0.3728, 0.4921



13.2801, 0.3272, 0.3464



23.4196, 0.4708, 0.4644



1.4305, 0.4594, 0.4734

Inverse Universe

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



16.7658, 0.1998, 0.1706



18.7303, 0.1785, 0.1331



12.7819, 0.2140, 0.1360



11.8874, 0.2982, 0.3110



4.4769, 0.1582, 0.0895



0.3784, 0.1683, 0.1257

Previews

White Background



This preview shows how the Yxy color 44.5778, 0.4253, 0.4449 looks on a white background.

Color Contrast Check

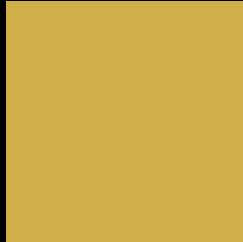
Large Text (above 18pt) WCAG AA × Fail

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 44.5778, 0.4253, 0.4449 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 44.5778, 0.4253, 0.4449

Background



This preview shows how black text looks on a background with the Yxy color 44.5778, 0.4253, 0.4449.



This preview shows how white text looks on a background with the Yxy color 44.5778, 0.4253, 0.4449.

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

44.5778, 0.4253, 0.4449

Protanopia

44.7678, 0.4120, 0.4531

Deuteranopia

44.6434, 0.4409, 0.4326



Tritanopia

44.3242, 0.3503, 0.3135

Trichromacy



Original Color

44.5778, 0.4253, 0.4449

Protanomaly

44.9191, 0.4166, 0.4500

Deuteranomaly

44.6258, 0.4346, 0.4370

Tritanomaly

44.0448, 0.3813, 0.3637

Monochromacy



Original Color

44.5778, 0.4253, 0.4449

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.5173, 0.3557, 0.3790

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5778, 0.4253, 0.4449 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(208, 175, 75)` looks like.

```
.text, #text, p{  
    color:rgb(208, 175, 75)  
}
```

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(208, 175, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 175, 75) }
```

Border

The CSS property to change the border of an element to Yxy 44.5778, 0.4253, 0.4449 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(208, 175, 75) }
```

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

```
.border{ border-color:rgb(208, 175, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 175, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 175, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 175, 75);  
box-shadow:4px 4px 4px 4px rgb(208, 175,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5778, 0.4253, 0.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 175, 75) }
```

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

```
.background{ background-color: rgb(208,  
175, 75) }
```

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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