

Converting Colors

$Yxy(44.6134, 0.4279, 0.4984)$

Have a look what the booklet for
Yxy(44.6134, 0.4279, 0.4984)
contains.

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Color

Yxy(44.5323, 0.4278, 0.4985)

Conversions

Conversions Part 1

Format	Color
Hex	BFB600
RGB	191, 182, 0
RGB Percent	75%, 71%, 0%
CMY	0.2509, 0.2863, 0.9996
CMYK	0.00, 0.05, 1.00, 0.25
HSL	57°, 100%, 37%
HSV	57°, 100%, 75%
XYZ	38.2165, 44.5323, 6.5838
YIQ	163.9430, 63.7860, -54.6940

Conversions

Conversions Part 2

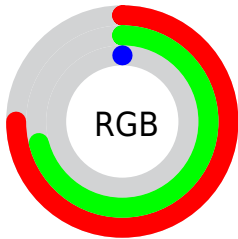
Format	Color
R _Y B	9, 191, 0
Decimal	12563968
CIE Lab	72.58, -12.78, 74.23
CIE LCh	73, 75.322, 99.770
Yxy	44.5323, 0.4278, 0.4985
Android (android.graphics.Color)	4290754048 (0xFFBFB600)
YUV	163.9430, -80.8239, 23.7290
Hunter-Lab	66.7325, -14.5583, 40.8632

Details

The Yxy color **44.5323, 0.4278, 0.4985** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.9606, 0.1508, 0.0628**, and the grayscale version is **37.4728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2375, 0.4133, 0.4734**, and **20.9518, 0.4232, 0.5022** is the 20% darker color. If you saturate the color by 10%, you get **44.5322, 0.4278, 0.4985**, and if you desaturate by 10%, it is **44.9524, 0.4245, 0.4954**.

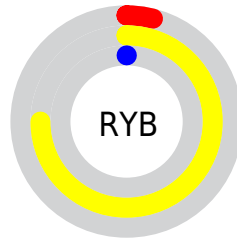
Distribution



Red (75%)

Green (71%)

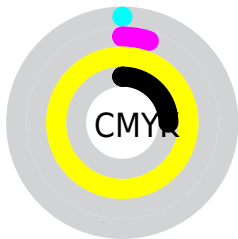
Blue (0%)



Red (4%)

Yellow (75%)

Blue (0%)

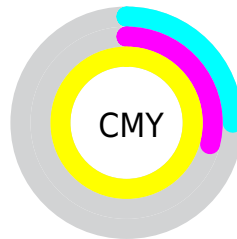


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5323, 0.4278, 0.4985 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 44.5323, 0.4278, 0.4985 by changing the saturation by 10% instead.


 44.5323, 0.4278,
0.4985

 44.5323, 0.4278,
0.4985

364.8760, 0.3798,
0.4202


 31.0892, 0.4349,
0.5135


 82.0181, 0.4138,
0.4730


 20.6668, 0.4408,
0.5295


 106.8296, 0.4074,
0.4625


 12.8806, 0.4485,
0.5515


 136.1994, 0.4016,
0.4532

 7.3464, 0.4403,
0.5597

 170.5119, 0.3963,
0.4450

 3.6797, 0.4278,
0.5722

 210.1513, 0.3916,
0.4377

 1.4960, 0.4063,
0.5937

 255.5023, 0.3873,

 0.2859, 0.0000,

0.4312

1.0000

306.9490, 0.3834,
0.4254

■ 0.0000, 0.0000,
0.0000

■ 44.5323, 0.4278,
0.4985

■ 44.5323, 0.4278,
0.4985

■ 44.5322, 0.4278,
0.4985

■ 44.9524, 0.4245,
0.4954

■ 45.4194, 0.4190,
0.4887

■ 45.9522, 0.4109,
0.4777

■ 46.5593, 0.4003,
0.4626

■ 47.2478, 0.3876,
0.4440

■ 48.0240, 0.3734,
0.4227

■ 48.8937, 0.3583,
0.3997

■ 49.8620, 0.3428,
0.3759

■ 50.9337, 0.3274,
0.3520

Harmonies

Analogous

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



44.5323, 0.4978, 0.4297



44.5323, 0.4278, 0.4985



44.5323, 0.3347, 0.5278

Triad

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



44.5323, 0.4278, 0.4985



44.5323, 0.1430, 0.2464



44.5323, 0.3655, 0.2310

Complementary

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



44.5323, 0.4278, 0.4985



3.9606, 0.1508, 0.0628

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.



44.5323, 0.2604, 0.1918



44.5323, 0.4278, 0.4985



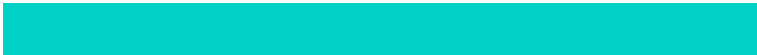
44.5323, 0.1485, 0.1932

Square

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



44.5323, 0.4278, 0.4985



44.5323, 0.1724, 0.3469



44.5323, 0.1866, 0.1779



44.5323, 0.4685, 0.2892

Rectangle

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



44.5323, 0.4278, 0.4985



44.5323, 0.2706, 0.4987



44.5323, 0.1866, 0.1779



44.5323, 0.3283, 0.2154

Sweetspot

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



44.5344, 0.4278, 0.4985



87.4703, 0.3591, 0.4009



11.1013, 0.6349, 0.3272



19.0579, 0.3656, 0.4109



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.



44.5344, 0.4278, 0.4985



79.6420, 0.4279, 0.4984



40.2764, 0.3435, 0.5654



11.0412, 0.3265, 0.3506



29.2961, 0.4277, 0.4986



1.1715, 0.4255, 0.5003

Inverse Universe

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



3.9606, 0.1508, 0.0628



6.9922, 0.1506, 0.0620



5.7434, 0.1928, 0.0836



9.2956, 0.2984, 0.3064



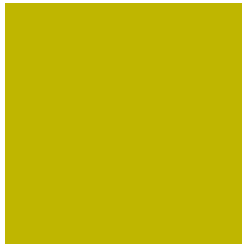
2.6341, 0.1510, 0.0635



0.1282, 0.1547, 0.0769

Previews

White Background



This preview shows how the Yxy color 44.5323, 0.4278, 0.4985 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 44.5323, 0.4278, 0.4985 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 44.5323, 0.4278, 0.4985

Background



This preview shows how black text looks on a background with the Yxy color 44.5323, 0.4278, 0.4985.

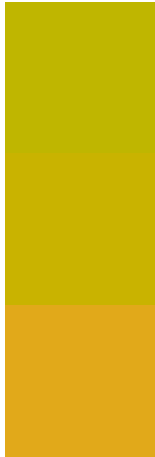


This preview shows how white text looks on a background with the Yxy color 44.5323, 0.4278, 0.4985.

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

44.5323, 0.4278, 0.4985

Protanopia

44.6577, 0.4401, 0.4888

Deuteranopia

44.4581, 0.4681, 0.4581



Tritanopia

44.3099, 0.3318, 0.3129

Trichromacy



Original Color

44.5323, 0.4278, 0.4985

Protanomaly

44.5128, 0.4354, 0.4925

Deuteranomaly

44.4587, 0.4540, 0.4730

Tritanomaly

43.5388, 0.3855, 0.4037

Monochromacy



Original Color

44.5323, 0.4278, 0.4985

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

39.1240, 0.3733, 0.4231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5323, 0.4278, 0.4985 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(191, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 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(191, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.5323, 0.4278, 0.4985 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(191, 182, 0) }
```

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

```
.border{ border-color:rgb(191, 182, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 182, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 182,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5323, 0.4278, 0.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 0) }
```

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

```
.background{ background-color: rgb(191,  
182, 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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