

Converting Colors

$Y_{xy}(28.6888, 0.4266, 0.3974)$

Have a look what the booklet for
Yxy(28.6888, 0.4266, 0.3974)
contains.

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Color

Yxy(28.7193, 0.4258, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	BA8856
RGB	186, 136, 86
RGB Percent	73%, 53%, 34%
CMY	0.2706, 0.4666, 0.6628
CMYK	0.00, 0.27, 0.54, 0.27
HSL	30°, 42%, 53%
HSV	30°, 54%, 73%
XYZ	30.7330, 28.7193, 12.7248
YIQ	145.2500, 45.8500, -4.9500

Conversions

Conversions Part 2

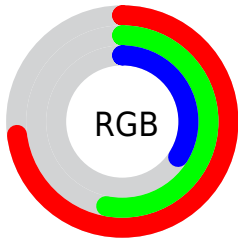
Format	Color
RYB	186, 186, 86
Decimal	12224598
CIELab	60.53, 13.30, 34.17
CIElCh	61, 36.668, 68.735
Yxy	28.7193, 0.4258, 0.3979
Android (android.graphics.Color)	4290414678 (0xFFBA8856)
YUV	145.2500, -29.2102, 35.7377
Hunter-Lab	53.5904, 8.5831, 23.4351

Details

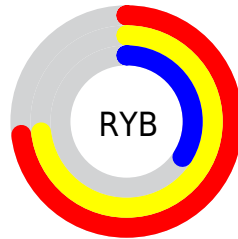
The Yxy color **28.7193, 0.4258, 0.3979** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.1261, 0.2277, 0.2449**, and the grayscale version is **28.5299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4344, 0.4027, 0.3853**, and **11.5479, 0.4621, 0.4137** is the 20% darker color. If you saturate the color by 10%, you get **25.9524, 0.4530, 0.4078**, and if you desaturate by 10%, it is **31.7942, 0.3999, 0.3859**.

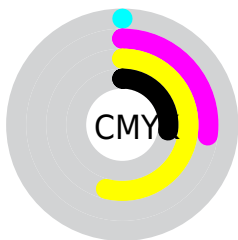
Distribution



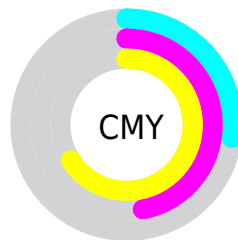
- Red (73%)
- Green (53%)
- Blue (34%)



- Red (73%)
- Yellow (73%)
- Blue (34%)



- Cyan (0%)
- Magenta (27%)
- Yellow (54%)
- Black (27%)





- Cyan (27%)
- Magenta (47%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7193, 0.4258, 0.3979 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 28.7193, 0.4258, 0.3979 by changing the saturation by 10% instead.


 28.7193, 0.4258,
0.3979


 28.7193, 0.4258,
0.3979

295.8882, 0.3654,
0.3638

 18.8686, 0.4416,
0.4055


 57.6308, 0.4031,
0.3860


 11.5754, 0.4620,
0.4144


 77.4604, 0.3948,
0.3813

 6.4552, 0.4886,
0.4240


 101.3850, 0.3879,
0.3773

 3.1238, 0.5412,
0.4465

 129.7892, 0.3820,
0.3739

 1.1967, 0.5694,
0.4306

 163.0571, 0.3769,
0.3708

 0.0590, 0.8658,
0.1342

201.5734, 0.3725,

 0.0000, 0.0000,

0.3682

0.0000

245.7223, 0.3687,
0.3659

■ 28.7193, 0.4258,
0.3979

■ 28.7193, 0.4258,
0.3979

■ 25.9524, 0.4530,
0.4078

■ 31.7942, 0.3999,
0.3859

■ 23.4775, 0.4802,
0.4143

■ 35.1840, 0.3760,
0.3727

■ 21.2827, 0.5058,
0.4163

■ 38.9004, 0.3544,
0.3593

■ 19.3533, 0.5281,
0.4129

■ 42.9533, 0.3353,
0.3461

■ 18.2717, 0.5407,
0.4088

■ 47.3519, 0.3185,
0.3335

■ 52.1052, 0.3038,
0.3217

■ 57.2217, 0.2910,
0.3108

■ 62.7095, 0.2798,
0.3007

■ 68.5767, 0.2701,
0.2915

Harmonies

Analogous

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



28.7193, 0.4305, 0.3529



28.7193, 0.4258, 0.3979



28.7193, 0.3895, 0.4313

Triad

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



28.7193, 0.4258, 0.3979



28.7193, 0.2309, 0.3445



28.7193, 0.2820, 0.2425

Complementary

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



28.7193, 0.4258, 0.3979



23.1261, 0.2277, 0.2449

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.



28.7193, 0.2349, 0.2351



28.7193, 0.4258, 0.3979



28.7193, 0.2077, 0.2869

Square

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



28.7193, 0.4258, 0.3979



28.7193, 0.2765, 0.4038



28.7193, 0.2094, 0.2492



28.7193, 0.3425, 0.2681

Rectangle

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



28.7193, 0.4258, 0.3979



28.7193, 0.3540, 0.4391



28.7193, 0.2094, 0.2492



28.7193, 0.2642, 0.2378

Sweetspot

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



28.7207, 0.4258, 0.3979



75.9652, 0.3399, 0.3494



18.8701, 0.3873, 0.2608



16.3903, 0.3437, 0.3521



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7207, 0.4258, 0.3979



45.9599, 0.4593, 0.4096



46.2281, 0.3896, 0.4561



9.7343, 0.3276, 0.3405



12.4427, 0.5388, 0.4104



0.5624, 0.5001, 0.4411

Inverse Universe

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



23.1261, 0.2277, 0.2449



34.7192, 0.2102, 0.2213



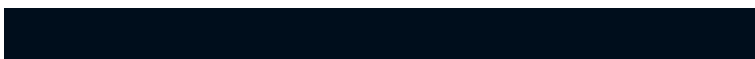
12.1767, 0.2104, 0.1599



9.4412, 0.2985, 0.3173



7.7992, 0.1778, 0.1599



0.3987, 0.1909, 0.2071

Previews

White Background



This preview shows how the Yxy color 28.7193, 0.4258, 0.3979 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 28.7193, 0.4258, 0.3979 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 28.7193, 0.4258, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 28.7193, 0.4258, 0.3979.



This preview shows how white text looks on a background with the Yxy color 28.7193, 0.4258, 0.3979.

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

28.7193, 0.4258, 0.3979

Protanopia

28.7695, 0.3846, 0.4157

Deuteranopia

28.8770, 0.4145, 0.4074



Tritanopia

28.5117, 0.3733, 0.3154

Trichromacy



Original Color

28.7193, 0.4258, 0.3979

Protanomaly

28.5023, 0.3987, 0.4082

Deuteranomaly

28.9449, 0.4187, 0.4050

Tritanomaly

28.6774, 0.3936, 0.3460

Monochromacy



Original Color

28.7193, 0.4258, 0.3979

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2748, 0.3514, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7193, 0.4258, 0.3979 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(186, 136, 86)` looks like.

```
.text, #text, p{  
    color:rgb(186, 136, 86)  
}
```

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(186, 136, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 136, 86) }
```

Border

The CSS property to change the border of an element to Yxy 28.7193, 0.4258, 0.3979 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(186, 136, 86) }
```

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

```
.border{ border-color:rgb(186, 136, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 136, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 136, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 136, 86);  
box-shadow:4px 4px 4px 4px rgb(186, 136,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7193, 0.4258, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 136, 86) }
```

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

```
.background{ background-color: rgb(186,  
136, 86) }
```

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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