

Converting Colors

$Y_{xy}(41.5005, 0.3777, 0.3819)$

Have a look what the booklet for
Yxy(41.5005, 0.3777, 0.3819)
contains.

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Color

Yxy(41.5695, 0.3778, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	C6A880
RGB	198, 168, 128
RGB Percent	78%, 66%, 50%
CMY	0.2235, 0.3412, 0.4982
CMYK	0.00, 0.15, 0.35, 0.22
HSL	34°, 38%, 64%
HSV	34°, 35%, 78%
XYZ	41.1879, 41.5695, 26.2630
YIQ	172.4100, 30.7200, -6.0800

Conversions

Conversions Part 2

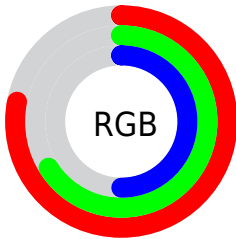
Format	Color
RYB	181, 198, 128
Decimal	13019264
CIELab	70.57, 5.21, 24.77
CIElCh	71, 25.309, 78.126
Yxy	41.5695, 0.3778, 0.3813
Android (android.graphics.Color)	4291209344 (0xFFC6A880)
YUV	172.4100, -21.8941, 22.4424
Hunter-Lab	64.4744, 1.2002, 20.9809

Details

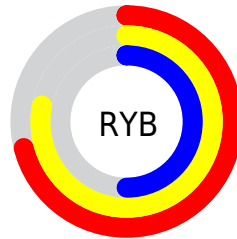
The Yxy color **41.5695, 0.3778, 0.3813** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.1094, 0.2554, 0.2701**, and the grayscale version is **41.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3715, 0.3653, 0.3720**, and **18.8805, 0.3974, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **38.0691, 0.4005, 0.3961**, and if you desaturate by 10%, it is **45.3798, 0.3569, 0.3661**.

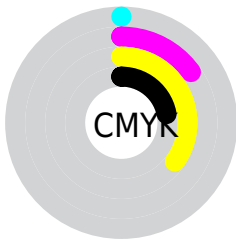
Distribution



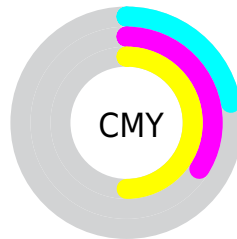
- Red (78%)
- Green (66%)
- Blue (50%)



- Red (71%)
- Yellow (78%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5695, 0.3778, 0.3813 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 41.5695, 0.3778, 0.3813 by changing the saturation by 10% instead.


 41.5695, 0.3778,
0.3813


 41.5695, 0.3778,
0.3813


352.6952, 0.3447,
0.3553


 28.7643, 0.3861,
0.3876


 77.5477, 0.3657,
0.3720

 18.9026, 0.3968,
0.3955


 101.4895, 0.3612,
0.3684

 11.5999, 0.4108,
0.4057


 129.9123, 0.3574,
0.3654

 6.4719, 0.4301,
0.4190

163.2005, 0.3541,
0.3628

 3.1341, 0.4582,
0.4373

201.7385, 0.3513,
0.3606

 1.2021, 0.5206,
0.4794

245.9107, 0.3488,

 0.0634, 0.7471,

0.3586

0.2529

296.1015, 0.3466,
0.3569

0.0000, 0.0000,
0.0000

41.5695, 0.3778,
0.3813

41.5695, 0.3778,
0.3813

38.0691, 0.4005,
0.3961

45.3798, 0.3569,
0.3661

34.8632, 0.4245,
0.4095

49.5035, 0.3379,
0.3510

31.9429, 0.4489,
0.4204

53.9513, 0.3210,
0.3365

29.2969, 0.4726,
0.4277

58.7314, 0.3060,
0.3228

26.9124, 0.4943,
0.4302

63.8519, 0.2928,
0.3100

■ 24.7745, 0.5126,
0.4274

■ 69.3203, 0.2812,
0.2983

■ 23.8579, 0.5204,
0.4250

■ 74.3760, 0.2772,
0.2992

■ 79.1419, 0.2779,
0.3085

■ 84.1398, 0.2786,
0.3176

Harmonies

Analogous

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



41.5695, 0.3860, 0.3556



41.5695, 0.3778, 0.3813



41.5695, 0.3518, 0.3946

Triad

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



41.5695, 0.3778, 0.3813



41.5695, 0.2553, 0.3280



41.5695, 0.3057, 0.2775

Complementary

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



41.5695, 0.3778, 0.3813



33.1094, 0.2554, 0.2701

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.



41.5695, 0.2723, 0.2691



41.5695, 0.3778, 0.3813



41.5695, 0.2445, 0.2956

Square

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



41.5695, 0.3778, 0.3813



41.5695, 0.2810, 0.3633



41.5695, 0.2505, 0.2750



41.5695, 0.3431, 0.2977

Rectangle

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



41.5695, 0.3778, 0.3813



41.5695, 0.3285, 0.3930



41.5695, 0.2505, 0.2750



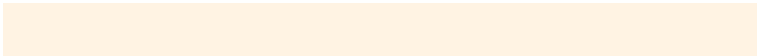
41.5695, 0.2937, 0.2732

Sweetspot

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



41.5714, 0.3778, 0.3813



90.8943, 0.3306, 0.3448



29.9166, 0.3597, 0.2893



19.2257, 0.3329, 0.3468



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.



41.5714, 0.3778, 0.3813



69.0534, 0.3941, 0.3921



53.3333, 0.3613, 0.4174



11.6264, 0.3275, 0.3422



15.6862, 0.5187, 0.4263



0.8844, 0.4926, 0.4471

Inverse Universe

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



33.1094, 0.2554, 0.2701



51.9936, 0.2432, 0.2555



24.4645, 0.2532, 0.2251



11.0222, 0.2983, 0.3154



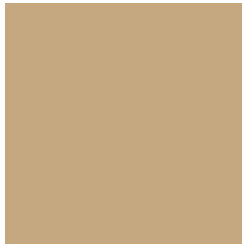
7.0214, 0.1712, 0.1364



0.4756, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 41.5695, 0.3778, 0.3813 looks on a white background.

Color Contrast Check

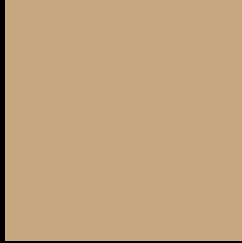
Large Text (above 18pt) WCAG AA × Fail

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 41.5695, 0.3778, 0.3813 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 41.5695, 0.3778, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 41.5695, 0.3778, 0.3813.



This preview shows how white text looks on a background with the Yxy color 41.5695, 0.3778, 0.3813.

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

41.5695, 0.3778, 0.3813

Protanopia

41.8131, 0.3612, 0.3874

Deuteranopia

41.6683, 0.3846, 0.3777



Tritanopia

41.5932, 0.3411, 0.3140

Trichromacy



Original Color

41.5695, 0.3778, 0.3813

Protanomaly

41.6579, 0.3677, 0.3852

Deuteranomaly

41.7525, 0.3822, 0.3793

Tritanomaly

41.4027, 0.3548, 0.3381

Monochromacy



Original Color

41.5695, 0.3778, 0.3813

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3499, 0.3349, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5695, 0.3778, 0.3813 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(198, 168, 128)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 128)  
}
```

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(198, 168, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 128) }
```

Border

The CSS property to change the border of an element to Yxy 41.5695, 0.3778, 0.3813 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(198, 168, 128) }
```

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

```
.border{ border-color:rgb(198, 168, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 128);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5695, 0.3778, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 128) }
```

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

```
.background{ background-color: rgb(198,  
168, 128) }
```

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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