

Converting Colors

$Yxy(41.0520, 0.3711, 0.3683)$

Have a look what the booklet for
Yxy(41.0520, 0.3711, 0.3683)
contains.

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Color

Yxy(41.0558, 0.3711, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	C6A688
RGB	198, 166, 136
RGB Percent	78%, 65%, 53%
CMY	0.2236, 0.3490, 0.4665
CMYK	0.00, 0.16, 0.31, 0.22
HSL	29°, 35%, 65%
HSV	29°, 31%, 78%
XYZ	41.3679, 41.0558, 29.0501
YIQ	172.1480, 28.7020, -2.5460

Conversions

Conversions Part 2

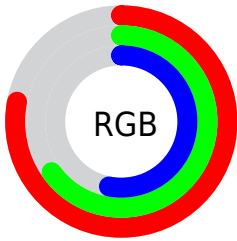
Format	Color
R_{YB}	198, 194, 136
Decimal	13018760
CIE _{Lab}	70.21, 7.30, 19.89
CIE _{LCh}	70, 21.191, 69.845
Yxy	41.0558, 0.3711, 0.3683
Android (android.graphics.Color)	4291208840 (0xFFC6A688)
YUV	172.1480, -17.8210, 22.6722
Hunter-Lab	64.0748, 3.1121, 17.9716

Details

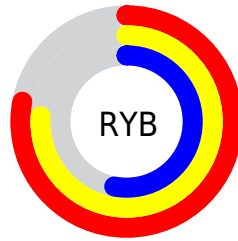
The Yxy color **41.0558, 0.3711, 0.3683** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3243, 0.2633, 0.2860**, and the grayscale version is **41.4164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6470, 0.3601, 0.3618**, and **18.5462, 0.3886, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **36.9761, 0.3949, 0.3812**, and if you desaturate by 10%, it is **45.5385, 0.3498, 0.3553**.

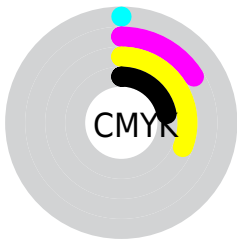
Distribution



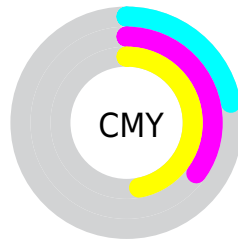
- Red (78%)
- Green (65%)
- Blue (53%)



- Red (78%)
- Yellow (76%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (22%)




- Cyan (22%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0558, 0.3711, 0.3683 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 41.0558, 0.3711, 0.3683 by changing the saturation by 10% instead.

 41.0558, 0.3711,
0.3683


 41.0558, 0.3711,
0.3683


350.5538, 0.3412,
0.3488


 28.3627, 0.3787,
0.3730


 76.7686, 0.3601,
0.3613

 18.5992, 0.3886,
0.3790


 100.5571, 0.3560,
0.3586

 11.3811, 0.4018,
0.3868


 128.8128, 0.3526,
0.3564

 6.3238, 0.4204,
0.3970

161.9201, 0.3496,
0.3544

 3.0429, 0.4478,
0.4107

200.2635, 0.3471,
0.3528

 1.1542, 0.5342,
0.4658

244.2273, 0.3449,

 0.0238, 0.8941,

0.3513

0.1059

294.1959, 0.3429,
0.3500

0.0000, 0.0000,
0.0000

41.0558, 0.3711,
0.3683

41.0558, 0.3711,
0.3683

36.9761, 0.3949,
0.3812

45.5385, 0.3498,
0.3553

33.2813, 0.4210,
0.3933

50.4306, 0.3311,
0.3426

29.9599, 0.4487,
0.4034


55.7451, 0.3147,
0.3305


26.9974, 0.4769,
0.4105

61.4930, 0.3004,
0.3192


24.3783, 0.5040,
0.4131


67.6845, 0.2880,
0.3088

 22.0849, 0.5280,
0.4105

 74.3298, 0.2773,
0.2993

 20.3306, 0.5462,
0.4045

 80.1092, 0.2780,
0.3103

 86.2151, 0.2789,
0.3213

 90.7437, 0.2794,
0.3289

Harmonies

Analogous

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



41.0558, 0.3730, 0.3451



41.0558, 0.3711, 0.3683



41.0558, 0.3530, 0.3825

Triad

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



41.0558, 0.3711, 0.3683



41.0558, 0.2691, 0.3368



41.0558, 0.2986, 0.2821

Complementary

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



41.0558, 0.3711, 0.3683



37.3243, 0.2633, 0.2860

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.



41.0558, 0.2723, 0.2783



41.0558, 0.3711, 0.3683



41.0558, 0.2560, 0.3080

Square

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



41.0558, 0.3711, 0.3683



41.0558, 0.2939, 0.3647



41.0558, 0.2571, 0.2871



41.0558, 0.3299, 0.2968

Rectangle

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



41.0558, 0.3711, 0.3683



41.0558, 0.3347, 0.3839



41.0558, 0.2571, 0.2871



41.0558, 0.2889, 0.2795

Sweetspot

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



41.0577, 0.3711, 0.3683



91.2821, 0.3273, 0.3399



32.4513, 0.3470, 0.2875



19.2492, 0.3299, 0.3417



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.



41.0577, 0.3711, 0.3683



67.3856, 0.3882, 0.3778



53.6933, 0.3598, 0.4051



11.4697, 0.3278, 0.3402



13.3935, 0.5441, 0.4062



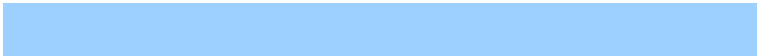
0.7791, 0.5114, 0.4322

Inverse Universe

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



37.3243, 0.2633, 0.2860



59.6690, 0.2516, 0.2741



27.2250, 0.2578, 0.2395



11.1778, 0.2983, 0.3175



9.0299, 0.1791, 0.1647



0.5722, 0.1894, 0.2017

Previews

White Background



This preview shows how the Yxy color 41.0558, 0.3711, 0.3683 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 41.0558, 0.3711, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

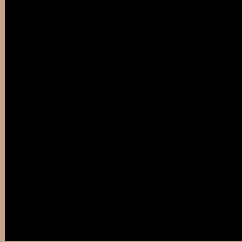
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0558, 0.3711, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 41.0558, 0.3711, 0.3683.



This preview shows how white text looks on a background with the Yxy color 41.0558, 0.3711, 0.3683.

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

41.0558, 0.3711, 0.3683

Protanopia

41.3142, 0.3506, 0.3743

Deuteranopia

41.1053, 0.3745, 0.3667



Tritanopia

41.0634, 0.3413, 0.3139

Trichromacy



Original Color

41.0558, 0.3711, 0.3683

Protanomaly

41.2758, 0.3580, 0.3722

Deuteranomaly

40.9672, 0.3735, 0.3668

Tritanomaly

41.1500, 0.3522, 0.3330

Monochromacy



Original Color

41.0558, 0.3711, 0.3683

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0764, 0.3324, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0558, 0.3711, 0.3683 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, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 136)  
}
```

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, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 136) }
```

Border

The CSS property to change the border of an element to Yxy 41.0558, 0.3711, 0.3683 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, 166, 136) }
```

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

```
.border{ border-color:rgb(198, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0558, 0.3711, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 136) }
```

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

```
.background{ background-color: rgb(198,  
166, 136) }
```

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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