

Converting Colors

Yxy(41.9316, 0.3148, 0.4398)

Have a look what the booklet for
Yxy(41.9316, 0.3148, 0.4398)
contains.

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Color

Yxy(41.7628, 0.3152, 0.4395)

Conversions

Conversions Part 1

Format	Color
Hex	7FBC75
RGB	127, 188, 117
RGB Percent	50%, 74%, 46%
CMY	0.5018, 0.2628, 0.5412
CMYK	0.32, 0.00, 0.38, 0.26
HSL	112°, 35%, 60%
HSV	112°, 38%, 74%
XYZ	29.9514, 41.7628, 23.3092
YIQ	161.6670, -13.5650, -35.0130

Conversions

Conversions Part 2

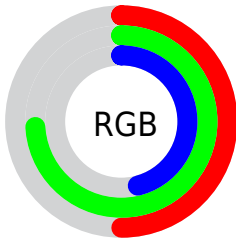
Format	Color
RYB	117, 188, 178
Decimal	8371317
CIELab	70.71, -33.49, 29.85
CIElCh	71, 44.863, 138.286
Yxy	41.7628, 0.3152, 0.4395
Android (android.graphics.Color)	4286561397 (0xFF7FBC75)
YUV	161.6670, -22.0208, -30.4030
Hunter-Lab	64.6241, -30.3628, 23.8516

Details

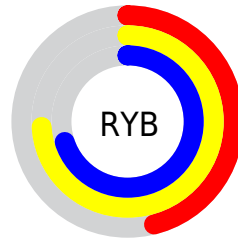
The Yxy color **41.7628, 0.3152, 0.4395** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.8095, 0.3061, 0.2338**, and the grayscale version is **36.0821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1522, 0.3160, 0.4172**, and **18.9634, 0.3125, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **40.2239, 0.3149, 0.4737**, and if you desaturate by 10%, it is **43.5925, 0.3150, 0.4066**.

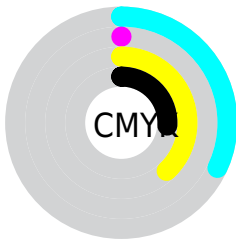
Distribution



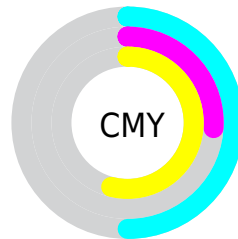
- Red (50%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (70%)



- Cyan (32%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (50%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7628, 0.3152, 0.4395 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 41.7628, 0.3152, 0.4395 by changing the saturation by 10% instead.


 41.7628, 0.3152,
0.4395


 41.7628, 0.3152,
0.4395


353.4987, 0.3158,
0.3803


 28.9156, 0.3143,
0.4555


 77.8405, 0.3160,
0.4171

 19.0170, 0.3125,
0.4767


 101.8398, 0.3161,
0.4089

 11.6826, 0.3092,
0.5061


 130.3253, 0.3161,
0.4021

 6.5279, 0.3022,
0.5488

163.6813, 0.3161,
0.3964

 3.1687, 0.2920,
0.6271

202.2922, 0.3161,
0.3915

 1.2204, 0.2021,
0.7979

246.5425, 0.3160,

 0.0783, 0.0000,

0.3872

1.0000

296.8165, 0.3159,
0.3835

■ 0.0000, 0.0000,
0.0000

■ 41.7628, 0.3152,
0.4395

■ 41.7628, 0.3152,
0.4395

■ 40.2239, 0.3149,
0.4737

■ 43.5925, 0.3150,
0.4066

■ 38.9557, 0.3139,
0.5074

■ 45.7215, 0.3144,
0.3760

■ 37.9439, 0.3123,
0.5384


■ 48.1642, 0.3135,
0.3484

■ 37.1707, 0.3100,
0.5644


■ 50.9328, 0.3125,
0.3238


■ 36.6158, 0.3072,
0.5834


■ 54.0387, 0.3113,
0.3022

 36.2532, 0.3043,
0.5949

 57.4927, 0.3102,
0.2833

 36.1925, 0.3039,
0.5969

 61.3053, 0.3090,
0.2670

 64.4446, 0.3158,
0.2634

Harmonies

Analogous

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



41.7628, 0.3773, 0.4454



41.7628, 0.3152, 0.4395



41.7628, 0.2557, 0.3914

Triad

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



41.7628, 0.3152, 0.4395



41.7628, 0.2081, 0.2358



41.7628, 0.4207, 0.3202

Complementary

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



41.7628, 0.3152, 0.4395



25.8095, 0.3061, 0.2338

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.



41.7628, 0.3658, 0.2757



41.7628, 0.3152, 0.4395



41.7628, 0.2429, 0.2287

Square

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



41.7628, 0.3152, 0.4395



41.7628, 0.1981, 0.2676



41.7628, 0.2992, 0.2433



41.7628, 0.4424, 0.3696

Rectangle

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



41.7628, 0.3152, 0.4395



41.7628, 0.2253, 0.3464



41.7628, 0.2992, 0.2433



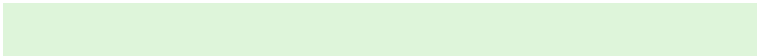
41.7628, 0.4052, 0.3045

Sweetspot

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



41.7646, 0.3152, 0.4395



85.7191, 0.3138, 0.3575



43.5559, 0.3734, 0.4092



18.3031, 0.3140, 0.3612



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.



41.7646, 0.3152, 0.4395



73.4300, 0.3150, 0.4667



41.6943, 0.2906, 0.4014



10.7127, 0.3137, 0.3526



24.6629, 0.3044, 0.5965



0.9872, 0.3171, 0.5864

Inverse Universe

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



25.8095, 0.3061, 0.2338



40.4987, 0.3040, 0.2143



26.0613, 0.3450, 0.2666



9.6259, 0.3116, 0.3062



7.6820, 0.2858, 0.1348



0.3200, 0.2947, 0.1397

Previews

White Background



This preview shows how the Yxy color 41.7628, 0.3152, 0.4395 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 41.7628, 0.3152, 0.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

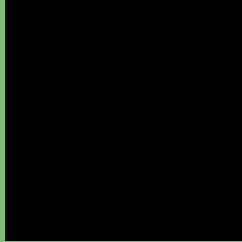
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7628, 0.3152, 0.4395

Background



This preview shows how black text looks on a background with the Yxy color 41.7628, 0.3152, 0.4395.



This preview shows how white text looks on a background with the Yxy color 41.7628, 0.3152, 0.4395.

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

41.7628, 0.3152, 0.4395

Protanopia

41.2175, 0.3799, 0.4109

Deuteranopia

41.2945, 0.3917, 0.3838



Tritanopia

41.7532, 0.2720, 0.3091

Trichromacy



Original Color

41.7628, 0.3152, 0.4395

Protanomaly

41.0324, 0.3542, 0.4222

Deuteranomaly

40.5903, 0.3620, 0.4029

Tritanomaly

41.4067, 0.2881, 0.3542

Monochromacy



Original Color

41.7628, 0.3152, 0.4395

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.5907, 0.3136, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7628, 0.3152, 0.4395 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(127, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(127, 188, 117)  
}
```

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(127, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 188, 117) }
```

Border

The CSS property to change the border of an element to Yxy 41.7628, 0.3152, 0.4395 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(127, 188, 117) }
```

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

```
.border{ border-color:rgb(127, 188, 117) }
```

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

Here you see how a box with a 4 pixel rgb(127, 188, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 188, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 188, 117);  
box-shadow:4px 4px 4px 4px rgb(127, 188,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7628, 0.3152, 0.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 188, 117) }
```

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

```
.background{ background-color: rgb(127,  
188, 117) }
```

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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