

Converting Colors

Yxy(53.7354, 0.3502, 0.4102)

Have a look what the booklet for
Yxy(53.7354, 0.3502, 0.4102)
contains.

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Color

Yxy(53.7775, 0.3502, 0.4109)

Conversions

Conversions Part 1

Format	Color
Hex	BCC888
RGB	188, 200, 136
RGB Percent	74%, 78%, 53%
CMY	0.2629, 0.2156, 0.4666
CMYK	0.06, 0.00, 0.32, 0.22
HSL	71°, 37%, 66%
HSV	71°, 32%, 78%
XYZ	45.8332, 53.7775, 31.2666
YIQ	189.1160, 13.3920, -22.4480

Conversions

Conversions Part 2

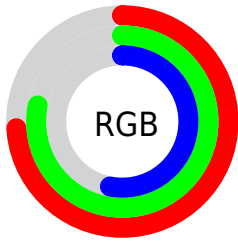
Format	Color
R_{YB}	136, 200, 148
Decimal	12372104
CIE _{Lab}	78.33, -14.51, 30.69
CIE _{LCh}	78, 33.952, 115.309
Yxy	53.7775, 0.3502, 0.4109
Android (android.graphics.Color)	4290562184 (0xFFBCC888)
YUV	189.1160, -26.1862, -0.9787
Hunter-Lab	73.3331, -16.7704, 26.0541

Details

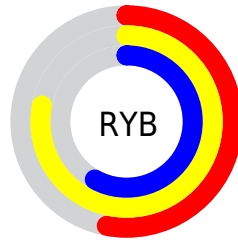
The Yxy color **53.7775, 0.3502, 0.4109** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.0892, 0.2667, 0.2381**, and the grayscale version is **51.1056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6502, 0.3446, 0.3944**, and **26.2820, 0.3592, 0.4340** is the 20% darker color. If you saturate the color by 10%, you get **52.7913, 0.3610, 0.4369**, and if you desaturate by 10%, it is **54.8870, 0.3386, 0.3846**.

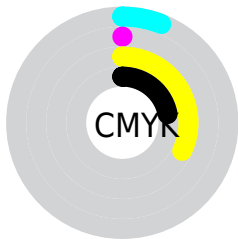
Distribution



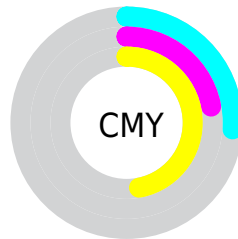
- Red (74%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7775, 0.3502, 0.4109 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 53.7775, 0.3502, 0.4109 by changing the saturation by 10% instead.


 53.7775, 0.3502,
0.4109


 53.7775, 0.3502,
0.4109


401.2610, 0.3328,
0.3701


 38.4238, 0.3540,
0.4209


 95.7475, 0.3442,
0.3962

 26.3118, 0.3587,
0.4337


 123.1325, 0.3419,
0.3906

 17.0570, 0.3642,
0.4503


 155.2969, 0.3399,
0.3859

 10.2752, 0.3708,
0.4727

192.6248, 0.3381,
0.3818

 5.5818, 0.3781,
0.5042

235.5008, 0.3365,
0.3783

 2.5925, 0.4050,
0.5807

284.3093, 0.3352,

 0.9229, 0.3614,

0.3752

0.6386

339.4345, 0.3339,
0.3725

0.0000, 0.0000,
0.0000

53.7775, 0.3502,
0.4109

53.7775, 0.3502,
0.4109

52.7913, 0.3610,
0.4369

54.8870, 0.3386,
0.3846

51.9154, 0.3706,
0.4614

56.1183, 0.3268,
0.3586

51.1454, 0.3784,
0.4836


57.4789, 0.3150,
0.3338


50.4741, 0.3839,
0.5022


58.9737, 0.3036,
0.3104

49.8931, 0.3869,
0.5165


60.6073, 0.2928,
0.2887

 49.3922, 0.3873,
0.5263

 62.3171, 0.2834,
0.2698

 49.0342, 0.3862,
0.5315

 62.8781, 0.2860,
0.2703

 63.4521, 0.2886,
0.2707

 64.0394, 0.2913,
0.2712

Harmonies

Analogous

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



53.7775, 0.3863, 0.3983



53.7775, 0.3502, 0.4109



53.7775, 0.3056, 0.3980

Triad

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



53.7775, 0.3502, 0.4109



53.7775, 0.2299, 0.2799



53.7775, 0.3602, 0.2982

Complementary

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



53.7775, 0.3502, 0.4109



28.0892, 0.2667, 0.2381

Split Complementary

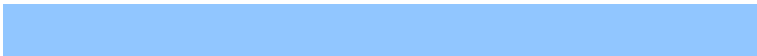
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.7775, 0.3148, 0.2714



53.7775, 0.3502, 0.4109



53.7775, 0.2418, 0.2597

Square

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



53.7775, 0.3502, 0.4109



53.7775, 0.2378, 0.3166



53.7775, 0.2718, 0.2574



53.7775, 0.3935, 0.3328

Rectangle

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



53.7775, 0.3502, 0.4109



53.7775, 0.2772, 0.3755



53.7775, 0.2718, 0.2574



53.7775, 0.3457, 0.2881

Sweetspot

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



53.7799, 0.3502, 0.4109



97.5663, 0.3246, 0.3540



35.1634, 0.3805, 0.3446



20.8140, 0.3263, 0.3576



0.0000, 0.0000, 0.0000



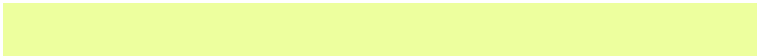
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7799, 0.3502, 0.4109



91.9560, 0.3574, 0.4280



50.1891, 0.3239, 0.4182



12.3123, 0.3237, 0.3520



31.2104, 0.3867, 0.5311



1.5046, 0.3939, 0.5254

Inverse Universe

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



28.0892, 0.2667, 0.2381



40.9772, 0.2551, 0.2166



31.4602, 0.2965, 0.2454



10.3819, 0.3011, 0.3053



2.9384, 0.1595, 0.0652



0.1689, 0.1790, 0.0760

Previews

White Background



This preview shows how the Yxy color 53.7775, 0.3502, 0.4109 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 53.7775, 0.3502, 0.4109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

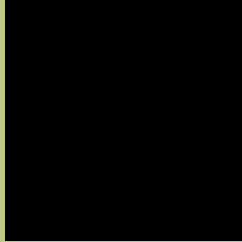
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7775, 0.3502, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 53.7775, 0.3502, 0.4109.



This preview shows how white text looks on a background with the Yxy color 53.7775, 0.3502, 0.4109.

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

53.7775, 0.3502, 0.4109

Protanopia

53.3887, 0.3733, 0.4018

Deuteranopia

53.3850, 0.3906, 0.3817



Tritanopia

53.5882, 0.3064, 0.3109

Trichromacy



Original Color

53.7775, 0.3502, 0.4109

Protanomaly

53.6186, 0.3643, 0.4058

Deuteranomaly

53.1090, 0.3759, 0.3913

Tritanomaly

53.3891, 0.3225, 0.3452

Monochromacy



Original Color

53.7775, 0.3502, 0.4109

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8610, 0.3269, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7775, 0.3502, 0.4109 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(188, 200, 136)` looks like.

```
.text, #text, p{  
    color:rgb(188, 200, 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(188, 200, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 200, 136) }
```

Border

The CSS property to change the border of an element to Yxy 53.7775, 0.3502, 0.4109 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(188, 200, 136) }
```

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

```
.border{ border-color:rgb(188, 200, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 200, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 200, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 200, 136);  
box-shadow:4px 4px 4px 4px rgb(188, 200,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7775, 0.3502, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 200, 136) }
```

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

```
.background{ background-color: rgb(188,  
200, 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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