

Converting Colors

$Yxy(52.0828, 0.3386, 0.3920)$

Have a look what the booklet for
Yxy(52.0828, 0.3386, 0.3920)
contains.

Yxy(52.2610, 0.3388, 0.3927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.2610, 0.3388, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	B8C594
RGB	184, 197, 148
RGB Percent	72%, 77%, 58%
CMY	0.2782, 0.2275, 0.4196
CMYK	0.07, 0.00, 0.25, 0.23
HSL	76°, 30%, 68%
HSV	76°, 25%, 77%
XYZ	45.0879, 52.2610, 35.7323
YIQ	187.5270, 7.9810, -17.9950

Conversions

Conversions Part 2

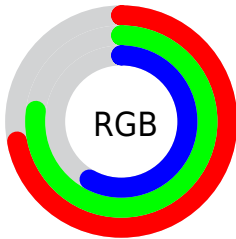
Format	Color
RYB	148, 197, 161
Decimal	12109204
CIELab	77.44, -12.79, 23.14
CIELCh	77, 26.445, 118.930
Yxy	52.2610, 0.3388, 0.3927
Android (android.graphics.Color)	4290299284 (0xFFB8C594)
YUV	187.5270, -19.4868, -3.0932
Hunter-Lab	72.2918, -15.1813, 21.2984

Details

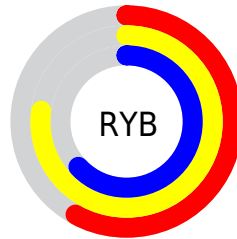
The Yxy color $52.2610, 0.3388, 0.3927$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.7868, 0.2819, 0.2614$, and the grayscale version is $50.1219, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.6732, 0.3344, 0.3818$, and $25.3333, 0.3456, 0.4103$ is the 20% darker color. If you saturate the color by 10%, you get $51.0602, 0.3488, 0.4197$, and if you desaturate by 10%, it is $53.5962, 0.3283, 0.3662$.

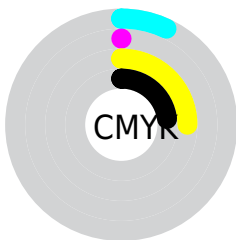
Distribution



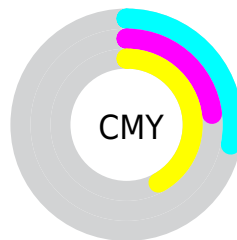
- Red (72%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)





- Cyan (28%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2610, 0.3388, 0.3927 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 52.2610, 0.3388, 0.3927 by changing the saturation by 10% instead.


 52.2610, 0.3388,
0.3927


 52.2610, 0.3388,
0.3927


395.4434, 0.3265,
0.3608

 37.2132, 0.3416,
0.4007


 93.5160, 0.3345,
0.3811

 25.3726, 0.3450,
0.4108


 120.4920, 0.3329,
0.3767

 16.3549, 0.3493,
0.4243


152.2129, 0.3314,
0.3730

 9.7756, 0.3546,
0.4429

189.0629, 0.3302,
0.3699

 5.2504, 0.3612,
0.4700

231.4266, 0.3291,
0.3671

 2.3949, 0.3743,
0.5205

279.6883, 0.3281,

 0.8233, 0.3635,

0.3648

0.6365

334.2324, 0.3273,
0.3626

0.0000, 0.0000,
0.0000

52.2610, 0.3388,
0.3927

52.2610, 0.3388,
0.3927

51.0602, 0.3488,
0.4197

53.5962, 0.3283,
0.3662

49.9814, 0.3580,
0.4464

55.0641, 0.3178,
0.3408

49.0206, 0.3657,
0.4717

56.6721, 0.3075,
0.3170

48.1713, 0.3715,
0.4945

58.4247, 0.2976,
0.2950

47.4258, 0.3750,
0.5135

60.3263, 0.2883,
0.2748

■ 46.7756, 0.3760,
0.5282

■ 61.6382, 0.2865,
0.2671

■ 46.2102, 0.3745,
0.5380

■ 62.4402, 0.2902,
0.2677

■ 45.9424, 0.3731,
0.5419

■ 63.2675, 0.2939,
0.2684

■ 64.1204, 0.2977,
0.2691

Harmonies

Analogous

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



52.2610, 0.3683, 0.3861



52.2610, 0.3388, 0.3927



52.2610, 0.3033, 0.3797

Triad

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



52.2610, 0.3388, 0.3927



52.2610, 0.2468, 0.2880



52.2610, 0.3540, 0.3078

Complementary

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



52.2610, 0.3388, 0.3927



32.7868, 0.2819, 0.2614

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.



52.2610, 0.3191, 0.2849



52.2610, 0.3388, 0.3927



52.2610, 0.2584, 0.2729

Square

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



52.2610, 0.3388, 0.3927



52.2610, 0.2514, 0.3159



52.2610, 0.2842, 0.2723



52.2610, 0.3780, 0.3363

Rectangle

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



52.2610, 0.3388, 0.3927



52.2610, 0.2812, 0.3614



52.2610, 0.2842, 0.2723



52.2610, 0.3431, 0.2993

Sweetspot

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



52.2633, 0.3388, 0.3927



98.0195, 0.3201, 0.3464



39.2384, 0.3606, 0.3452



20.9449, 0.3208, 0.3479



0.0000, 0.0000, 0.0000



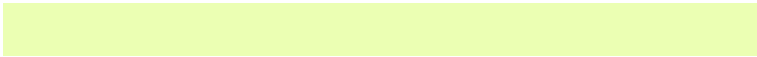
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2633, 0.3388, 0.3927



92.3801, 0.3445, 0.4078



49.5671, 0.3191, 0.3968



12.2706, 0.3225, 0.3521



30.2639, 0.3737, 0.5415



1.4668, 0.3837, 0.5336

Inverse Universe

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



32.7868, 0.2819, 0.2614



51.3633, 0.2735, 0.2441



35.4972, 0.3039, 0.2656



10.4207, 0.3023, 0.3054



3.1678, 0.1668, 0.0692



0.1864, 0.1897, 0.0819

Previews

White Background



This preview shows how the Yxy color 52.2610, 0.3388, 0.3927 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 52.2610, 0.3388, 0.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

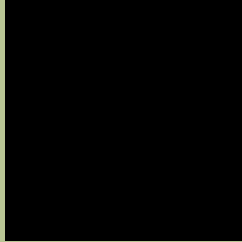
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

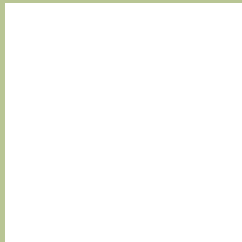
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2610, 0.3388, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 52.2610, 0.3388, 0.3927.



This preview shows how white text looks on a background with the Yxy color 52.2610, 0.3388, 0.3927.

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

52.2610, 0.3388, 0.3927

Protanopia

52.1433, 0.3601, 0.3860

Deuteranopia

51.7893, 0.3749, 0.3667



Tritanopia

52.3930, 0.3039, 0.3119

Trichromacy



Original Color

52.2610, 0.3388, 0.3927

Protanomaly

52.0856, 0.3525, 0.3883

Deuteranomaly

51.7238, 0.3615, 0.3756

Tritanomaly

52.4194, 0.3162, 0.3403

Monochromacy



Original Color

52.2610, 0.3388, 0.3927

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.8435, 0.3232, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2610, 0.3388, 0.3927 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(184, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(184, 197, 148)  
}
```

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(184, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 197, 148) }
```

Border

The CSS property to change the border of an element to Yxy 52.2610, 0.3388, 0.3927 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(184, 197, 148) }
```

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

```
.border{ border-color:rgb(184, 197, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 197, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 197, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 197, 148);  
box-shadow:4px 4px 4px 4px rgb(184, 197,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2610, 0.3388, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 197, 148) }
```

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

```
.background{ background-color: rgb(184,  
197, 148) }
```

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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