

Converting Colors

Yxy(53.3212, 0.3097, 0.4321)

Have a look what the booklet for
Yxy(53.3212, 0.3097, 0.4321)
contains.

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Color

Yxy(53.3883, 0.3092, 0.4321)

Conversions

Conversions Part 1

Format	Color
Hex	8BD289
RGB	139, 210, 137
RGB Percent	55%, 82%, 54%
CMY	0.4551, 0.1764, 0.4627
CMYK	0.34, 0.00, 0.35, 0.18
HSL	118°, 45%, 68%
HSV	118°, 35%, 82%
XYZ	38.2033, 53.3883, 31.9638
YIQ	180.4490, -18.8830, -37.7550

Conversions

Conversions Part 2

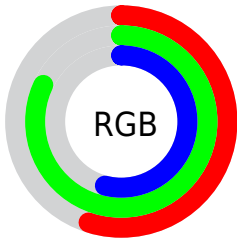
Format	Color
RYB	137, 210, 208
Decimal	9163401
CIELab	78.10, -36.62, 29.33
CIElCh	78, 46.916, 141.312
Yxy	53.3883, 0.3092, 0.4321
Android (android.graphics.Color)	4287353481 (0xFF8BD289)
YUV	180.4490, -21.4204, -36.3508
Hunter-Lab	73.0673, -34.5388, 25.2103

Details

The Yxy color **53.3883, 0.3092, 0.4321** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9720, 0.3149, 0.2430**, and the grayscale version is **46.0164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8837, 0.3118, 0.4003**, and **26.0459, 0.3055, 0.4641** is the 20% darker color. If you saturate the color by 10%, you get **51.2476, 0.3078, 0.4675**, and if you desaturate by 10%, it is **55.9800, 0.3104, 0.3986**.

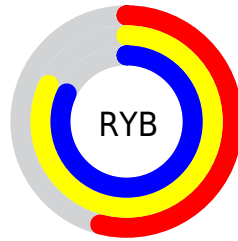
Distribution



Red (55%)

Green (82%)

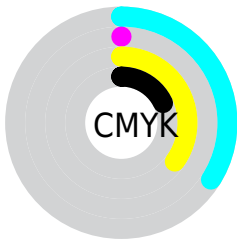
Blue (54%)



Red (54%)

Yellow (82%)

Blue (82%)

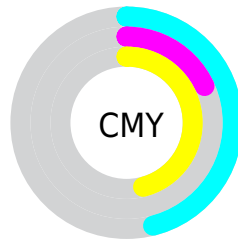


Cyan (34%)

Magenta (0%)

Yellow (35%)

Black (18%)



Cyan (46%)


Magenta (18%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3883, 0.3092, 0.4321 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 53.3883, 0.3092, 0.4321 by changing the saturation by 10% instead.

 53.3883, 0.3092,
0.4321

 53.3883, 0.3092,
0.4321

399.7731, 0.3126,
0.3789


 38.1128, 0.3078,
0.4458

 95.1755, 0.3108,
0.4125

 26.0703, 0.3057,
0.4635


 122.4560, 0.3113,
0.4052

 16.8762, 0.3023,
0.4873

 154.5070, 0.3117,
0.3991

 10.1463, 0.2965,
0.5208

191.7129, 0.3120,
0.3938

 5.4961, 0.2854,
0.5706

234.4581, 0.3122,
0.3893

 2.5412, 0.2767,
0.6876

283.1269, 0.3123,

 0.8972, 0.0000,

0.3854

1.0000

338.1038, 0.3125,
0.3820

0.0000, 0.0000,
0.0000

53.3883, 0.3092,
0.4321

53.3883, 0.3092,
0.4321

51.2476, 0.3078,
0.4675

55.9800, 0.3104,
0.3986

49.5257, 0.3062,
0.5029

59.0390, 0.3115,
0.3680

48.1974, 0.3046,
0.5359

62.5894, 0.3124,
0.3408

47.2314, 0.3031,
0.5638

66.6513, 0.3131,
0.3169

46.5920, 0.3017,
0.5842

71.2439, 0.3136,
0.2963

■ 46.2364, 0.3007,
0.5960

■ 74.5797, 0.3148,
0.2851

■ 46.1355, 0.3005,
0.5996

Harmonies

Analogous

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



53.3883, 0.3697, 0.4424



53.3883, 0.3092, 0.4321



53.3883, 0.2527, 0.3828

Triad

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



53.3883, 0.3092, 0.4321



53.3883, 0.2138, 0.2372



53.3883, 0.4205, 0.3255

Complementary

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



53.3883, 0.3092, 0.4321



35.9720, 0.3149, 0.2430

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.



53.3883, 0.3702, 0.2815



53.3883, 0.3092, 0.4321



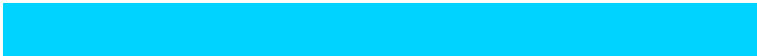
53.3883, 0.2500, 0.2324

Square

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



53.3883, 0.3092, 0.4321



53.3883, 0.2016, 0.2657



53.3883, 0.3061, 0.2485



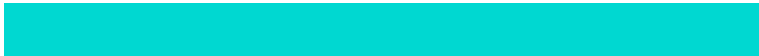
53.3883, 0.4377, 0.3735

Rectangle

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



53.3883, 0.3092, 0.4321



53.3883, 0.2247, 0.3393



53.3883, 0.3061, 0.2485



53.3883, 0.4067, 0.3100

Sweetspot

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



53.3906, 0.3092, 0.4321



94.0569, 0.3119, 0.3549



60.4174, 0.3656, 0.4125



19.9671, 0.3118, 0.3588



0.0000, 0.0000, 0.0000



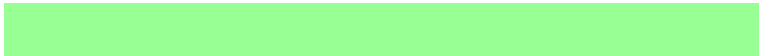
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3906, 0.3092, 0.4321



80.2084, 0.3081, 0.4593



54.3628, 0.2868, 0.3828



13.2209, 0.3120, 0.3530



28.1449, 0.3006, 0.5995



1.5790, 0.3027, 0.5978

Inverse Universe

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



35.9720, 0.3149, 0.2430



49.0957, 0.3152, 0.2248



34.7322, 0.3509, 0.2811



11.9925, 0.3134, 0.3061



10.7153, 0.3144, 0.1506



0.6043, 0.3157, 0.1513

Previews

White Background



This preview shows how the Yxy color 53.3883, 0.3092, 0.4321 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 53.3883, 0.3092, 0.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

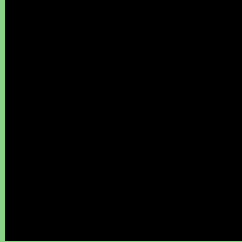
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3883, 0.3092, 0.4321

Background



This preview shows how black text looks on a background with the Yxy color 53.3883, 0.3092, 0.4321.

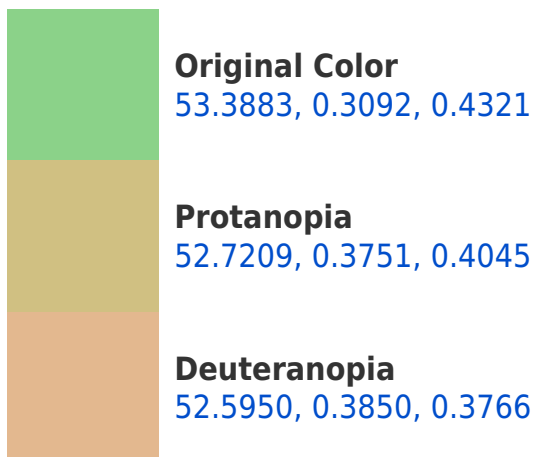


This preview shows how white text looks on a background with the Yxy color 53.3883, 0.3092, 0.4321.

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





Tritanopia

53.1364, 0.2692, 0.3084

Trichromacy



Original Color

53.3883, 0.3092, 0.4321



Protanomaly

52.6076, 0.3484, 0.4149



Deuteranomaly

51.6651, 0.3547, 0.3951



Tritanomaly

53.1631, 0.2842, 0.3518

Monochromacy



Original Color

53.3883, 0.3092, 0.4321



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.9413, 0.3118, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3883, 0.3092, 0.4321 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(139, 210, 137)` looks like.

```
.text, #text, p{  
    color:rgb(139, 210, 137)  
}
```

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(139, 210, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 210, 137) }
```

Border

The CSS property to change the border of an element to Yxy 53.3883, 0.3092, 0.4321 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(139, 210, 137) }
```

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

```
.border{ border-color:rgb(139, 210, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 210, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 210, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 210, 137);  
box-shadow:4px 4px 4px 4px rgb(139, 210,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3883, 0.3092, 0.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 210, 137) }
```

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

```
.background{ background-color: rgb(139,  
210, 137) }
```

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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