

Converting Colors

Yxy(51.0737, 0.3206, 0.4166)

Have a look what the booklet for
Yxy(51.0737, 0.3206, 0.4166)
contains.

Yxy(51.0737, 0.3206, 0.4166)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.0737, 0.3206, 0.4166)

Conversions

Conversions Part 1

Format	Color
Hex	9BCA8B
RGB	155, 202, 139
RGB Percent	61%, 79%, 55%
CMY	0.3920, 0.2079, 0.4548
CMYK	0.23, 0.00, 0.31, 0.21
HSL	105°, 37%, 67%
HSV	105°, 31%, 79%
XYZ	39.3044, 51.0737, 32.2184
YIQ	180.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

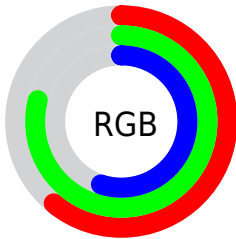
Format	Color
RYB	139, 202, 186
Decimal	10209931
CIELab	76.72, -27.16, 26.59
CIELCh	77, 38.013, 135.604
Yxy	51.0737, 0.3206, 0.4166
Android (android.graphics.Color)	4288400011 (0xFF9BCA8B)
YUV	180.7650, -20.5901, -22.5959
Hunter-Lab	71.4659, -26.8947, 23.2969

Details

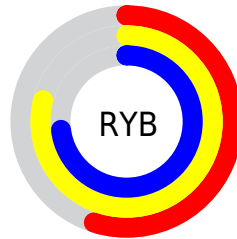
The Yxy color **51.0737, 0.3206, 0.4166** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.1700, 0.3007, 0.2485**, and the grayscale version is **46.1967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0719, 0.3200, 0.3961**, and **24.7092, 0.3207, 0.4444** is the 20% darker color. If you saturate the color by 10%, you get **49.1400, 0.3222, 0.4491**, and if you desaturate by 10%, it is **53.3068, 0.3184, 0.3858**.

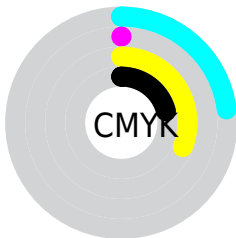
Distribution



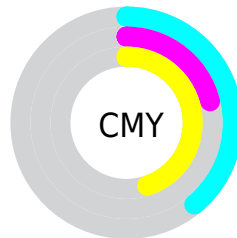
- Red (61%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)




- Cyan (39%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0737, 0.3206, 0.4166 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 51.0737, 0.3206, 0.4166 by changing the saturation by 10% instead.


 51.0737, 0.3206,
0.4166


 51.0737, 0.3206,
0.4166


390.8501, 0.3179,
0.3716


 36.2673, 0.3208,
0.4281


 91.7637, 0.3199,
0.4000

 24.6407, 0.3209,
0.4431


 118.4161, 0.3196,
0.3938

 15.8096, 0.3205,
0.4632


 149.7859, 0.3192,
0.3886

 9.3895, 0.3189,
0.4916

186.2575, 0.3189,
0.3842

 4.9961, 0.3144,
0.5339

228.2153, 0.3186,
0.3804

 2.2450, 0.3187,
0.6369

276.0437, 0.3184,

 0.7443, 0.0563,

0.3771

0.9437

330.1272, 0.3181,
0.3742

0.0000, 0.0000,
0.0000

51.0737, 0.3206,
0.4166

51.0737, 0.3206,
0.4166

49.1400, 0.3222,
0.4491

53.3068, 0.3184,
0.3858

47.4862, 0.3229,
0.4822

55.8447, 0.3158,
0.3574

46.1008, 0.3225,
0.5140

58.7010, 0.3131,
0.3318


44.9686, 0.3208,
0.5427


61.8863, 0.3102,
0.3090


44.0729, 0.3179,
0.5660

65.4109, 0.3074,
0.2889

 43.3947, 0.3139,
0.5826

 68.9442, 0.3082,
0.2760

 42.9529, 0.3101,
0.5919

 70.7190, 0.3151,
0.2772

Harmonies

Analogous

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



51.0737, 0.3697, 0.4205



51.0737, 0.3206, 0.4166



51.0737, 0.2717, 0.3819

Triad

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



51.0737, 0.3206, 0.4166



51.0737, 0.2261, 0.2556



51.0737, 0.3951, 0.3196

Complementary

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



51.0737, 0.3206, 0.4166



33.1700, 0.3007, 0.2485

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.



51.0737, 0.3506, 0.2832



51.0737, 0.3206, 0.4166



51.0737, 0.2534, 0.2471

Square

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



51.0737, 0.3206, 0.4166



51.0737, 0.2198, 0.2844



51.0737, 0.2980, 0.2574



51.0737, 0.4154, 0.3602

Rectangle

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



51.0737, 0.3206, 0.4166



51.0737, 0.2456, 0.3482



51.0737, 0.2980, 0.2574



51.0737, 0.3823, 0.3066

Sweetspot

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



51.0759, 0.3206, 0.4166



95.5068, 0.3153, 0.3519



49.2027, 0.3651, 0.3871



20.2961, 0.3157, 0.3559



0.0000, 0.0000, 0.0000



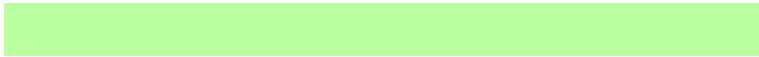
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0759, 0.3206, 0.4166



84.3519, 0.3217, 0.4370



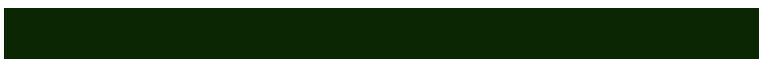
50.0529, 0.2988, 0.3980



12.6726, 0.3153, 0.3527



27.6774, 0.3109, 0.5913



1.4651, 0.3256, 0.5797

Inverse Universe

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



33.1700, 0.3007, 0.2485



49.5762, 0.2975, 0.2316



34.6268, 0.3306, 0.2688



11.2545, 0.3098, 0.3059



6.9982, 0.2578, 0.1194



0.3958, 0.2707, 0.1265

Previews

White Background



This preview shows how the Yxy color 51.0737, 0.3206, 0.4166 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 51.0737, 0.3206, 0.4166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

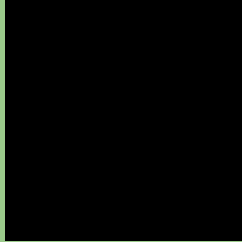
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0737, 0.3206, 0.4166

Background



This preview shows how black text looks on a background with the Yxy color 51.0737, 0.3206, 0.4166.

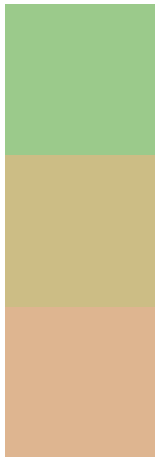


This preview shows how white text looks on a background with the Yxy color 51.0737, 0.3206, 0.4166.

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

51.0737, 0.3206, 0.4166

Protanopia

50.9260, 0.3704, 0.3985

Deuteranopia

50.5910, 0.3809, 0.3728



Tritanopia

50.8504, 0.2809, 0.3085

Trichromacy



Original Color

51.0737, 0.3206, 0.4166

Protanomaly

50.7719, 0.3511, 0.4059

Deuteranomaly

50.3540, 0.3578, 0.3886

Tritanomaly

50.6219, 0.2950, 0.3450

Monochromacy



Original Color

51.0737, 0.3206, 0.4166

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.9190, 0.3162, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0737, 0.3206, 0.4166 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(155, 202, 139)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 139)  
}
```

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(155, 202, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 139) }
```

Border

The CSS property to change the border of an element to Yxy 51.0737, 0.3206, 0.4166 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(155, 202, 139) }
```

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

```
.border{ border-color:rgb(155, 202, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 139);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0737, 0.3206, 0.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 139) }
```

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

```
.background{ background-color: rgb(155,  
202, 139) }
```

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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