

Converting Colors

$Yxy(38.5320, 0.2741, 0.3997)$

Have a look what the booklet for
Yxy(38.5320, 0.2741, 0.3997)
contains.

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Color

Yxy(38.5093, 0.2737, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	5CB88E
RGB	92, 184, 142
RGB Percent	36%, 72%, 56%
CMY	0.6393, 0.2784, 0.4430
CMYK	0.50, 0.00, 0.23, 0.28
HSL	153°, 39%, 54%
HSV	153°, 50%, 72%
XYZ	26.4359, 38.5093, 31.6420
YIQ	151.7040, -41.3500, -32.5660

Conversions

Conversions Part 2

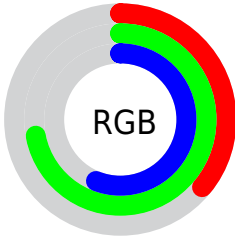
Format	Color
RYB	92, 152, 184
Decimal	6076558
CIELab	68.39, -37.39, 13.03
CIElCh	68, 39.596, 160.783
Yxy	38.5093, 0.2737, 0.3987
Android (android.graphics.Color)	4284266638 (0xFF5CB88E)
YUV	151.7040, -4.7841, -52.3604
Hunter-Lab	62.0559, -32.5564, 13.2074

Details

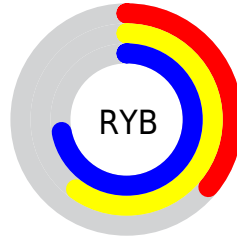
The Yxy color **38.5093, 0.2737, 0.3987** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **19.5598, 0.3858, 0.2706**, and the grayscale version is **31.2979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1920, 0.2818, 0.3845**, and **17.0450, 0.2600, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **37.4332, 0.2690, 0.4159**, and if you desaturate by 10%, it is **39.8376, 0.2799, 0.3824**.

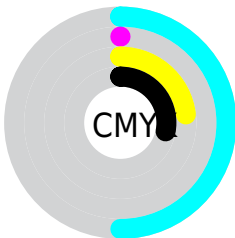
Distribution



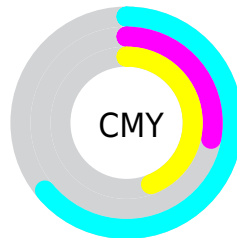
- Red (36%)
- Green (72%)
- Blue (56%)



- Red (36%)
- Yellow (60%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)




- Cyan (64%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5093, 0.2737, 0.3987 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 38.5093, 0.2737, 0.3987 by changing the saturation by 10% instead.


 38.5093, 0.2737,
0.3987


 38.5093, 0.2737,
0.3987


339.7997, 0.2946,
0.3612


 26.3782, 0.2680,
0.4090


 72.8881, 0.2816,
0.3844


 17.1068, 0.2604,
0.4229


 95.9046, 0.2845,
0.3792

 10.3107, 0.2498,
0.4426


 123.3183, 0.2869,
0.3749

 5.6054, 0.2339,
0.4724

 155.5137, 0.2889,
0.3713

 2.6067, 0.2076,
0.5223

192.8752, 0.2906,
0.3682

 0.9300, 0.0000,
0.9023

235.7871, 0.2921,

 0.0000, 0.0000,

0.3655

0.0000

284.6338, 0.2934,
0.3632

■ 38.5093, 0.2737,
0.3987

■ 38.5093, 0.2737,
0.3987

■ 37.4332, 0.2690,
0.4159

■ 39.8376, 0.2799,
0.3824

■ 36.5872, 0.2659,
0.4335

■ 41.4292, 0.2872,
0.3672

■ 35.9532, 0.2648,
0.4513

■ 43.2998, 0.2952,
0.3532

■ 35.5079, 0.2657,
0.4688

■ 45.4627, 0.3038,
0.3404

■ 35.2049, 0.2682,
0.4856

■ 47.9305, 0.3127,
0.3290

■ 50.7146, 0.3216,
0.3188

■ 53.8263, 0.3305,
0.3099

■ 57.2760, 0.3391,
0.3019

■ 60.5821, 0.3453,
0.2947

Harmonies

Analogous

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



38.5093, 0.3303, 0.4335



38.5093, 0.2737, 0.3987



38.5093, 0.2302, 0.3400

Triad

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



38.5093, 0.2737, 0.3987



38.5093, 0.2389, 0.2366



38.5093, 0.4289, 0.3558

Complementary

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



38.5093, 0.2737, 0.3987



19.5598, 0.3858, 0.2706

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.



38.5093, 0.4004, 0.3106



38.5093, 0.2737, 0.3987



38.5093, 0.2864, 0.2452

Square

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



38.5093, 0.2737, 0.3987



38.5093, 0.2122, 0.2491



38.5093, 0.3461, 0.2715



38.5093, 0.4220, 0.3995

Rectangle

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



38.5093, 0.2737, 0.3987



38.5093, 0.2134, 0.3014



38.5093, 0.3461, 0.2715



38.5093, 0.4231, 0.3405

Sweetspot

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



38.5109, 0.2737, 0.3987



80.2890, 0.2993, 0.3469



40.1996, 0.3394, 0.4696



17.1350, 0.2975, 0.3496



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.5109, 0.2737, 0.3987



67.6841, 0.2686, 0.4176



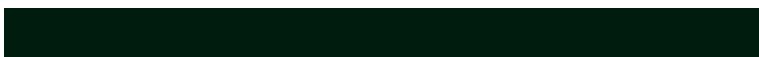
38.7570, 0.2473, 0.3240



10.1396, 0.3044, 0.3396



24.2758, 0.2677, 0.4836



0.8681, 0.2554, 0.4395

Inverse Universe

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



19.5598, 0.3858, 0.2706



29.4066, 0.4111, 0.2601



19.1544, 0.4493, 0.3337



9.0785, 0.3218, 0.3186



7.4773, 0.5115, 0.2591



0.2761, 0.4500, 0.2253

Previews

White Background



This preview shows how the Yxy color 38.5093, 0.2737, 0.3987 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 38.5093, 0.2737, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

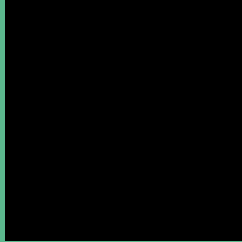
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5093, 0.2737, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 38.5093, 0.2737, 0.3987.



This preview shows how white text looks on a background with the Yxy color 38.5093, 0.2737, 0.3987.

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

38.5093, 0.2737, 0.3987

Protanopia

37.8338, 0.3523, 0.3744

Deuteranopia

37.9396, 0.3526, 0.3468



Tritanopia

38.3142, 0.2492, 0.3062

Trichromacy



Original Color

38.5093, 0.2737, 0.3987



Protanomaly

37.3024, 0.3181, 0.3844



Deuteranomaly

37.1926, 0.3184, 0.3650



Tritanomaly

38.4652, 0.2579, 0.3383

Monochromacy



Original Color

38.5093, 0.2737, 0.3987



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

33.4349, 0.2952, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5093, 0.2737, 0.3987 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(92, 184, 142)` looks like.

```
.text, #text, p{  
    color:rgb(92, 184, 142)  
}
```

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(92, 184, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 184, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.5093, 0.2737, 0.3987 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(92, 184, 142) }
```

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

```
.border{ border-color:rgb(92, 184, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 184, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 184, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 184, 142);  
box-shadow:4px 4px 4px 4px rgb(92, 184,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5093, 0.2737, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 184, 142) }
```

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

```
.background{ background-color: rgb(92, 184,  
142) }
```

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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