

Converting Colors

Yxy(53.1467, 0.3957, 0.5228)

Have a look what the booklet for
Yxy(53.1467, 0.3957, 0.5228)
contains.

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Color

Yxy(53.1386, 0.3957, 0.5228)

Conversions

Conversions Part 1

Format	Color
Hex	B2CD05
RGB	178, 205, 5
RGB Percent	70%, 80%, 2%
CMY	0.3020, 0.1961, 0.9798
CMYK	0.13, 0.00, 0.97, 0.20
HSL	68°, 95%, 41%
HSV	68°, 97%, 80%
XYZ	40.2199, 53.1386, 8.2838
YIQ	174.1270, 48.1080, -67.9240

Conversions

Conversions Part 2

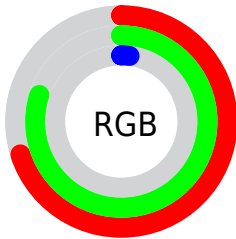
Format	Color
RYB	5, 205, 32
Decimal	11717893
CIELab	77.96, -29.61, 77.25
CIELCh	78, 82.727, 110.970
Yxy	53.1386, 0.3957, 0.5228
Android (android.graphics.Color)	4289907973 (0xFFB2CD05)
YUV	174.1270, -83.3796, 3.3966
Hunter-Lab	72.8962, -29.0826, 44.2897

Details

The Yxy color **53.1386, 0.3957, 0.5228** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4.8289, 0.1566, 0.0647**, and the grayscale version is **42.8246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1964, 0.3912, 0.4877**, and **26.1263, 0.3840, 0.5333** is the 20% darker color. If you saturate the color by 10%, you get **53.0478, 0.3955, 0.5241**, and if you desaturate by 10%, it is **53.5337, 0.3956, 0.5163**.

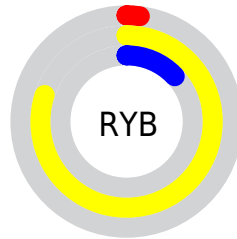
Distribution



Red (70%)

Green (80%)

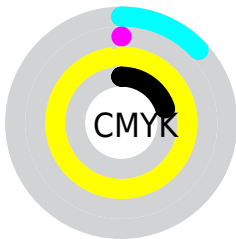
Blue (2%)



Red (2%)

Yellow (80%)

Blue (13%)

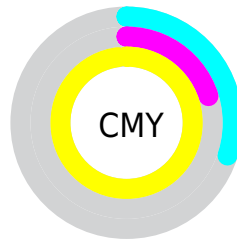


Cyan (13%)

Magenta (0%)

Yellow (97%)

Black (20%)



Cyan (30%)

Magenta (20%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1386, 0.3957, 0.5228 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 53.1386, 0.3957, 0.5228 by changing the saturation by 10% instead.

■ 53.1386, 0.3957,
0.5228

■ 53.1386, 0.3957,
0.5228

■ 398.8166, 0.3656,
0.4312

■ 37.9134, 0.3985,
0.5417

■ 94.8083, 0.3882,
0.4921

■ 25.9155, 0.3994,
0.5630

■ 122.0216, 0.3843,
0.4797

■ 16.7604, 0.3979,
0.5887

■ 153.9997, 0.3806,
0.4689

■ 10.0638, 0.3872,
0.6128

■ 191.1271, 0.3771,
0.4594

■ 5.4413, 0.3634,
0.6366

■ 233.7880, 0.3739,
0.4511

■ 2.5084, 0.3255,
0.6745

■ 282.3670, 0.3709,

■ 0.8809, 0.1150,

0.4437

0.8850

337.2484, 0.3681,
0.4371

■ 0.0000, 0.0000,
0.0000

■ 53.1386, 0.3957,
0.5228

■ 53.1386, 0.3957,
0.5228

■ 53.0478, 0.3955,
0.5241

■ 53.5337, 0.3956,
0.5163

■ 53.9967, 0.3932,
0.5056

■ 54.5436, 0.3881,
0.4905

■ 55.1841, 0.3806,
0.4713

■ 55.9265, 0.3710,
0.4489

■ 56.7783, 0.3598,
0.4243

■ 57.7460, 0.3476,
0.3986

■ 58.8357, 0.3349,
0.3727

■ 60.0531, 0.3221,
0.3473

Harmonies

Analogous

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



53.1386, 0.4799, 0.4593



53.1386, 0.3957, 0.5228



53.1386, 0.2970, 0.5247

Triad

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



53.1386, 0.3957, 0.5228



53.1386, 0.1368, 0.2176



53.1386, 0.4102, 0.2486

Complementary

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



53.1386, 0.3957, 0.5228



4.8289, 0.1566, 0.0647

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.



53.1386, 0.2962, 0.2003



53.1386, 0.3957, 0.5228



53.1386, 0.1548, 0.1796

Square

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



53.1386, 0.3957, 0.5228



53.1386, 0.1524, 0.3025



53.1386, 0.2067, 0.1760



53.1386, 0.5016, 0.3126

Rectangle

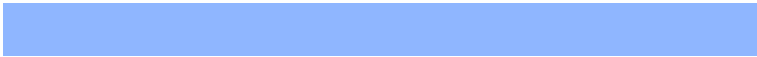
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1386, 0.3957, 0.5228



53.1386, 0.2344, 0.4695



53.1386, 0.2067, 0.1760



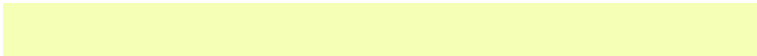
53.1386, 0.3717, 0.2303

Sweetspot

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



53.1410, 0.3957, 0.5228



94.2724, 0.3499, 0.4034



14.0126, 0.6238, 0.3399



20.0299, 0.3552, 0.4146



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.



53.1410, 0.3957, 0.5228



86.8216, 0.3952, 0.5244



45.3134, 0.3213, 0.5815



13.0169, 0.3245, 0.3520



33.0532, 0.3959, 0.5238



1.7270, 0.4008, 0.5200

Inverse Universe

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



4.8289, 0.1566, 0.0647



7.5678, 0.1543, 0.0624



9.4025, 0.2323, 0.1063



10.9155, 0.3003, 0.3052



2.9191, 0.1556, 0.0631



0.1749, 0.1701, 0.0711

Previews

White Background



This preview shows how the Yxy color 53.1386, 0.3957, 0.5228 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 53.1386, 0.3957, 0.5228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

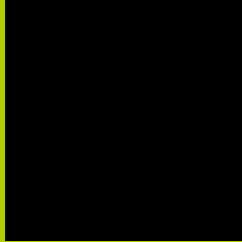
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1386, 0.3957, 0.5228

Background



This preview shows how black text looks on a background with the Yxy color 53.1386, 0.3957, 0.5228.



This preview shows how white text looks on a background with the Yxy color 53.1386, 0.3957, 0.5228.

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

53.1386, 0.3957, 0.5228

Protanopia

52.8916, 0.4404, 0.4885

Deuteranopia

52.6319, 0.4674, 0.4556



Tritanopia

53.1872, 0.3040, 0.3108

Trichromacy



Original Color

53.1386, 0.3957, 0.5228

Protanomaly

52.6334, 0.4244, 0.5008

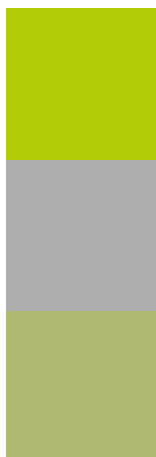
Deuteranomaly

51.9529, 0.4420, 0.4805

Tritanomaly

51.8647, 0.3537, 0.4103

Monochromacy



Original Color

53.1386, 0.3957, 0.5228

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

45.0041, 0.3609, 0.4273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1386, 0.3957, 0.5228 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(178, 205, 5)` looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 5)  
}
```

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(178, 205, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 5) }
```

Border

The CSS property to change the border of an element to Yxy 53.1386, 0.3957, 0.5228 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(178, 205, 5) }
```

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

```
.border{ border-color:rgb(178, 205, 5) }
```

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

Here you see how a box with a 4 pixel rgb(178, 205, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 205, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 205, 5);  
box-shadow:4px 4px 4px 4px rgb(178, 205,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1386, 0.3957, 0.5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 205, 5) }
```

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

```
.background{ background-color: rgb(178,  
205, 5) }
```

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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