

Converting Colors

Yxy(53.4955, 0.3581, 0.4431)

Have a look what the booklet for
Yxy(53.4955, 0.3581, 0.4431)
contains.

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Color

Yxy(53.6301, 0.3576, 0.4438)

Conversions

Conversions Part 1

Format	Color
Hex	B4CB72
RGB	180, 203, 114
RGB Percent	71%, 80%, 45%
CMY	0.2942, 0.2039, 0.5529
CMYK	0.11, 0.00, 0.44, 0.20
HSL	76°, 46%, 62%
HSV	76°, 44%, 80%
XYZ	43.2134, 53.6301, 23.9994
YIQ	185.9770, 14.8610, -32.5550

Conversions

Conversions Part 2

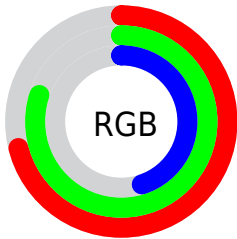
Format	Color
RYB	114, 203, 137
Decimal	11848562
CIELab	78.25, -21.76, 41.68
CIELCh	78, 47.019, 117.568
Yxy	53.6301, 0.3576, 0.4438
Android (android.graphics.Color)	4290038642 (0xFFB4CB72)
YUV	185.9770, -35.4847, -5.2418
Hunter-Lab	73.2326, -22.8268, 31.8326

Details

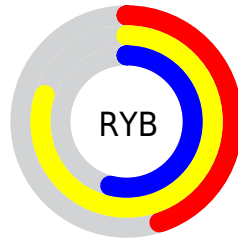
The Yxy color **53.6301, 0.3576, 0.4438** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.6742, 0.2510, 0.2006**, and the grayscale version is **49.2862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3145, 0.3526, 0.4191**, and **26.2894, 0.3665, 0.4758** is the 20% darker color. If you saturate the color by 10%, you get **52.6017, 0.3656, 0.4692**, and if you desaturate by 10%, it is **54.7897, 0.3482, 0.4171**.

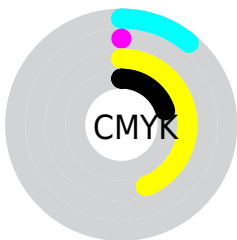
Distribution



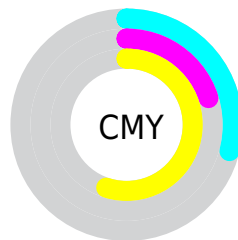
- Red (71%)
- Green (80%)
- Blue (45%)



- Red (45%)
- Yellow (80%)
- Blue (54%)



- Cyan (11%)
- Magenta (0%)
- Yellow (44%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6301, 0.3576, 0.4438 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 53.6301, 0.3576, 0.4438 by changing the saturation by 10% instead.

 53.6301, 0.3576,
0.4438


 53.6301, 0.3576,
0.4438


400.6979, 0.3378,
0.3863


 38.3060, 0.3615,
0.4578


 95.5309, 0.3512,
0.4231

 26.2203, 0.3658,
0.4754

 122.8764, 0.3485,
0.4153

 16.9885, 0.3703,
0.4981


 154.9979, 0.3462,
0.4086

 10.2263, 0.3743,
0.5278

192.2796, 0.3441,
0.4029

 5.5493, 0.3778,
0.5717

235.1061, 0.3423,
0.3979

 2.5730, 0.3707,
0.6293

283.8618, 0.3406,

 0.9131, 0.2692,

0.3936

0.7308

338.9309, 0.3392,
0.3897

0.0000, 0.0000,
0.0000

53.6301, 0.3576,
0.4438

53.6301, 0.3576,
0.4438

52.6017, 0.3656,
0.4692

54.7897, 0.3482,
0.4171

51.6903, 0.3717,
0.4922

56.0800, 0.3380,
0.3900

50.8903, 0.3755,
0.5115

57.5092, 0.3274,
0.3636


50.1926, 0.3768,
0.5265


59.0830, 0.3167,
0.3383


49.5860, 0.3756,
0.5367

60.8066, 0.3064,
0.3146

 49.2454, 0.3740,
0.5413

 62.6849, 0.2964,
0.2927

 64.6499, 0.2878,
0.2738

 65.4666, 0.2915,
0.2744

 66.3091, 0.2951,
0.2750

Harmonies

Analogous

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



53.6301, 0.4094, 0.4245



53.6301, 0.3576, 0.4438



53.6301, 0.2965, 0.4247

Triad

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



53.6301, 0.3576, 0.4438



53.6301, 0.2020, 0.2576



53.6301, 0.3826, 0.2899

Complementary

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



53.6301, 0.3576, 0.4438



21.6742, 0.2510, 0.2006

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.



53.6301, 0.3194, 0.2541



53.6301, 0.3576, 0.4438



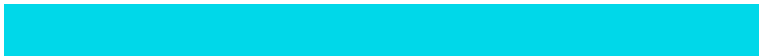
53.6301, 0.2194, 0.2342

Square

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



53.6301, 0.3576, 0.4438



53.6301, 0.2098, 0.3054



53.6301, 0.2602, 0.2341



53.6301, 0.4273, 0.3354

Rectangle

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



53.6301, 0.3576, 0.4438



53.6301, 0.2590, 0.3905



53.6301, 0.2602, 0.2341



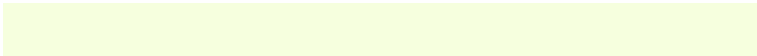
53.6301, 0.3625, 0.2766

Sweetspot

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



53.6325, 0.3576, 0.4438



96.4551, 0.3267, 0.3618



31.5972, 0.4139, 0.3582



20.5256, 0.3291, 0.3677



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.



53.6325, 0.3576, 0.4438



88.0925, 0.3655, 0.4689



49.1881, 0.3222, 0.4581



12.9450, 0.3226, 0.3522



31.3823, 0.3746, 0.5408



1.6541, 0.3837, 0.5335

Inverse Universe

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



21.6742, 0.2510, 0.2006



27.5678, 0.2335, 0.1684



26.1467, 0.2944, 0.2150



10.9820, 0.3022, 0.3053



3.2552, 0.1661, 0.0689



0.2054, 0.1872, 0.0805

Previews

White Background



This preview shows how the Yxy color 53.6301, 0.3576, 0.4438 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 53.6301, 0.3576, 0.4438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

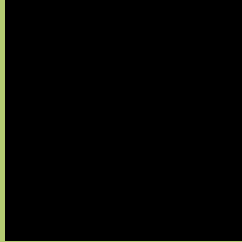
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6301, 0.3576, 0.4438

Background



This preview shows how black text looks on a background with the Yxy color 53.6301, 0.3576, 0.4438.



This preview shows how white text looks on a background with the Yxy color 53.6301, 0.3576, 0.4438.

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

53.6301, 0.3576, 0.4438

Protanopia

53.2628, 0.3931, 0.4270

Deuteranopia

53.0814, 0.4119, 0.4023



Tritanopia

53.4107, 0.3017, 0.3108

Trichromacy



Original Color

53.6301, 0.3576, 0.4438

Protanomaly

53.3596, 0.3796, 0.4342

Deuteranomaly

52.8421, 0.3909, 0.4166

Tritanomaly

53.1884, 0.3234, 0.3582

Monochromacy



Original Color

53.6301, 0.3576, 0.4438

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.4277, 0.3306, 0.3708

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6301, 0.3576, 0.4438 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(180, 203, 114)` looks like.

```
.text, #text, p{  
    color:rgb(180, 203, 114)  
}
```

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(180, 203, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 203, 114) }
```

Border

The CSS property to change the border of an element to Yxy 53.6301, 0.3576, 0.4438 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(180, 203, 114) }
```

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

```
.border{ border-color:rgb(180, 203, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 203, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 203, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 203, 114);  
box-shadow:4px 4px 4px 4px rgb(180, 203,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6301, 0.3576, 0.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 203, 114) }
```

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

```
.background{ background-color: rgb(180,  
203, 114) }
```

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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