

Converting Colors

Yxy(52.4989, 0.3738, 0.4318)

Have a look what the booklet for
Yxy(52.4989, 0.3738, 0.4318)
contains.

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Color

Yxy(52.2969, 0.3736, 0.4315)

Conversions

Conversions Part 1

Format	Color
Hex	C3C472
RGB	195, 196, 114
RGB Percent	76%, 77%, 45%
CMY	0.2353, 0.2313, 0.5530
CMYK	0.01, 0.00, 0.42, 0.23
HSL	61°, 41%, 61%
HSV	61°, 42%, 77%
XYZ	45.2795, 52.2969, 23.6215
YIQ	186.3530, 25.7260, -25.7140

Conversions

Conversions Part 2

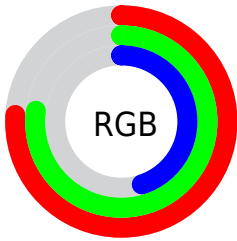
Format	Color
RYB	114, 196, 115
Decimal	12829810
CIELab	77.46, -12.33, 40.96
CIELCh	77, 42.777, 106.757
Yxy	52.2969, 0.3736, 0.4315
Android (android.graphics.Color)	4291019890 (0xFFC3C472)
YUV	186.3530, -35.6700, 7.5834
Hunter-Lab	72.3166, -14.7900, 31.2551

Details

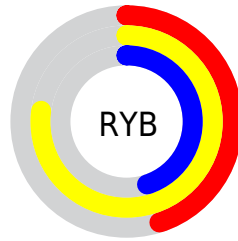
The Yxy color **52.2969, 0.3736, 0.4315** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.6618, 0.2364, 0.2016**, and the grayscale version is **49.5037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9232, 0.3641, 0.4140**, and **25.2916, 0.3872, 0.4573** is the 20% darker color. If you saturate the color by 10%, you get **51.8673, 0.3864, 0.4532**, and if you desaturate by 10%, it is **52.8270, 0.3596, 0.4078**.

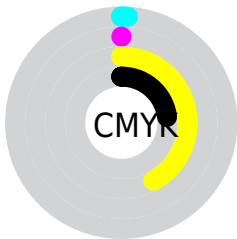
Distribution



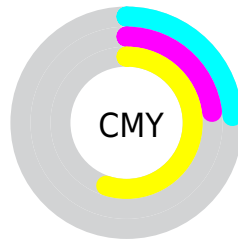
- Red (76%)
- Green (77%)
- Blue (45%)



- Red (45%)
- Yellow (77%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (23%)





- Cyan (24%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2969, 0.3736, 0.4315 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 52.2969, 0.3736, 0.4315 by changing the saturation by 10% instead.

 52.2969, 0.3736,
0.4315

 52.2969, 0.3736,
0.4315


395.5817, 0.3454,
0.3810


 37.2418, 0.3797,
0.4435


 93.5690, 0.3640,
0.4135

 25.3947, 0.3868,
0.4585


 120.5547, 0.3602,
0.4066

 16.3714, 0.3952,
0.4775


 152.2861, 0.3569,
0.4007

 9.7873, 0.4044,
0.5019

189.1475, 0.3540,
0.3957

 5.2582, 0.4166,
0.5377

231.5234, 0.3515,
0.3913

 2.3995, 0.4209,
0.5791

279.7982, 0.3492,

 0.8257, 0.3694,

0.3874

0.6306

334.3561, 0.3472,
0.3840

0.0000, 0.0000,
0.0000

52.2969, 0.3736,
0.4315

52.2969, 0.3736,
0.4315

51.8673, 0.3864,
0.4532

52.8270, 0.3596,
0.4078

51.5248, 0.3973,
0.4719

53.4560, 0.3448,
0.3830

51.2649, 0.4060,
0.4869


54.1915, 0.3300,
0.3579


51.0798, 0.4121,
0.4976


55.0384, 0.3154,
0.3334

50.9600, 0.4157,
0.5041


56.0011, 0.3014,
0.3100

 50.8964, 0.4172,
0.5070

 57.0839, 0.2882,
0.2879

 58.2910, 0.2759,
0.2675

 58.5669, 0.2738,
0.2637

 58.5999, 0.2740,
0.2638

Harmonies

Analogous

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



52.2969, 0.4143, 0.4056



52.2969, 0.3736, 0.4315



52.2969, 0.3187, 0.4268

Triad

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



52.2969, 0.3736, 0.4315



52.2969, 0.2100, 0.2771



52.2969, 0.3570, 0.2796

Complementary

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



52.2969, 0.3736, 0.4315



19.6618, 0.2364, 0.2016

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.



52.2969, 0.2982, 0.2509



52.2969, 0.3736, 0.4315



52.2969, 0.2178, 0.2468

Square

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



52.2969, 0.3736, 0.4315



52.2969, 0.2261, 0.3281



52.2969, 0.2484, 0.2387



52.2969, 0.4062, 0.3197

Rectangle

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



52.2969, 0.3736, 0.4315



52.2969, 0.2817, 0.4033



52.2969, 0.2484, 0.2387



52.2969, 0.3374, 0.2685

Sweetspot

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



52.2993, 0.3736, 0.4315



97.9676, 0.3320, 0.3613



24.9823, 0.4194, 0.3293



20.9028, 0.3353, 0.3669



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.



52.2993, 0.3736, 0.4315



94.0251, 0.3851, 0.4510



47.6671, 0.3387, 0.4448



11.7517, 0.3263, 0.3518



32.7024, 0.4172, 0.5070



1.4151, 0.4177, 0.5066

Inverse Universe

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



19.6618, 0.2364, 0.2016



27.2024, 0.2173, 0.1700



22.9848, 0.2742, 0.2136



9.7538, 0.2985, 0.3052



2.5738, 0.1505, 0.0603



0.1133, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 52.2969, 0.3736, 0.4315 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 52.2969, 0.3736, 0.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

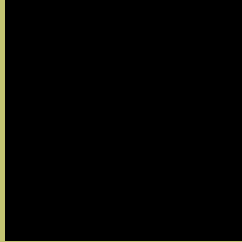
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2969, 0.3736, 0.4315

Background



This preview shows how black text looks on a background with the Yxy color 52.2969, 0.3736, 0.4315.



This preview shows how white text looks on a background with the Yxy color 52.2969, 0.3736, 0.4315.

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

52.2969, 0.3736, 0.4315

Protanopia

51.9868, 0.3900, 0.4238

Deuteranopia

52.1403, 0.4106, 0.4031



Tritanopia

52.2671, 0.3176, 0.3123

Trichromacy



Original Color

52.2969, 0.3736, 0.4315

Protanomaly

52.1696, 0.3838, 0.4264

Deuteranomaly

52.1328, 0.3968, 0.4133

Tritanomaly

52.1090, 0.3384, 0.3551

Monochromacy



Original Color

52.2969, 0.3736, 0.4315

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1838, 0.3352, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2969, 0.3736, 0.4315 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(195, 196, 114)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 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(195, 196, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 114) }
```

Border

The CSS property to change the border of an element to Yxy 52.2969, 0.3736, 0.4315 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(195, 196, 114) }
```

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

```
.border{ border-color:rgb(195, 196, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 114);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2969, 0.3736, 0.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 114) }
```

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

```
.background{ background-color: rgb(195,  
196, 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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