

Converting Colors

Yxy(52.4568, 0.3599, 0.4470)

Have a look what the booklet for
Yxy(52.4568, 0.3599, 0.4470)
contains.

Yxy(52.4828, 0.3602, 0.4469)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4828, 0.3602, 0.4469)

Conversions

Conversions Part 1

Format	Color
Hex	B3C96E
RGB	179, 201, 110
RGB Percent	70%, 79%, 43%
CMY	0.2978, 0.2118, 0.5686
CMYK	0.11, 0.00, 0.45, 0.21
HSL	74°, 46%, 61%
HSV	74°, 45%, 79%
XYZ	42.3010, 52.4828, 22.6537
YIQ	184.0480, 16.0990, -32.9650

Conversions

Conversions Part 2

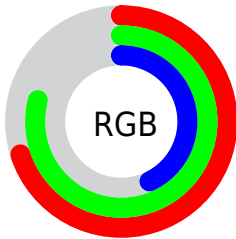
Format	Color
RYB	110, 201, 132
Decimal	11782510
CIELab	77.57, -21.57, 42.81
CIELCh	78, 47.940, 116.736
Yxy	52.4828, 0.3602, 0.4469
Android (android.graphics.Color)	4289972590 (0xFFB3C96E)
YUV	184.0480, -36.5057, -4.4271
Hunter-Lab	72.4450, -22.5518, 32.1714

Details

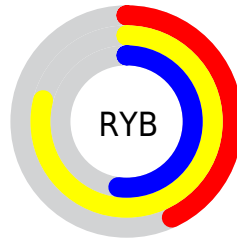
The Yxy color **52.4828, 0.3602, 0.4469** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.2709, 0.2471, 0.1955**, and the grayscale version is **48.1656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9972, 0.3542, 0.4233**, and **25.5432, 0.3696, 0.4796** is the 20% darker color. If you saturate the color by 10%, you get **51.5283, 0.3683, 0.4717**, and if you desaturate by 10%, it is **53.5616, 0.3507, 0.4205**.

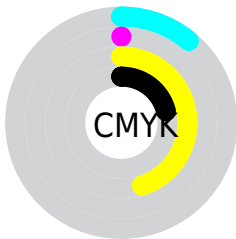
Distribution



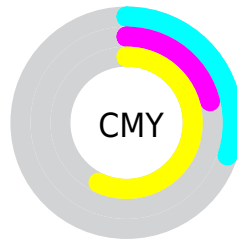
- Red (70%)
- Green (79%)
- Blue (43%)



- Red (43%)
- Yellow (79%)
- Blue (52%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)





- Cyan (30%)
- Magenta (21%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4828, 0.3602, 0.4469 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 52.4828, 0.3602, 0.4469 by changing the saturation by 10% instead.


 52.4828, 0.3602,
0.4469


 52.4828, 0.3602,
0.4469


396.2977, 0.3392,
0.3878


 37.3901, 0.3643,
0.4613


 93.8429, 0.3534,
0.4256

 25.5096, 0.3689,
0.4794


 120.8790, 0.3506,
0.4175

 16.4572, 0.3736,
0.5026


 152.6650, 0.3481,
0.4107

 9.8482, 0.3775,
0.5330

 189.5854, 0.3459,
0.4048

 5.2984, 0.3829,
0.5809

232.0244, 0.3439,
0.3997

 2.4234, 0.3693,
0.6307

280.3665, 0.3422,

 0.8379, 0.2436,

0.3952

0.7564

334.9962, 0.3406,
0.3913

0.0000, 0.0000,
0.0000

52.4828, 0.3602,
0.4469

52.4828, 0.3602,
0.4469

51.5283, 0.3683,
0.4717

53.5616, 0.3507,
0.4205

50.6840, 0.3744,
0.4939

54.7641, 0.3402,
0.3937

49.9444, 0.3782,
0.5123


56.0983, 0.3293,
0.3672


49.3004, 0.3794,
0.5262


57.5698, 0.3184,
0.3418

48.7411, 0.3781,
0.5354

59.1837, 0.3077,
0.3179

 48.4958, 0.3770,
0.5388

 60.9449, 0.2975,
0.2957

 62.8578, 0.2878,
0.2754

 63.8671, 0.2885,
0.2717

 64.6244, 0.2919,
0.2723

Harmonies

Analogous

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



52.4828, 0.4130, 0.4258



52.4828, 0.3602, 0.4469



52.4828, 0.2976, 0.4287

Triad

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



52.4828, 0.3602, 0.4469



52.4828, 0.1993, 0.2567



52.4828, 0.3828, 0.2877

Complementary

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



52.4828, 0.3602, 0.4469



20.2709, 0.2471, 0.1955

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.



52.4828, 0.3177, 0.2515



52.4828, 0.3602, 0.4469



52.4828, 0.2163, 0.2323

Square

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



52.4828, 0.3602, 0.4469



52.4828, 0.2079, 0.3063



52.4828, 0.2574, 0.2316



52.4828, 0.4296, 0.3340

Rectangle

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



52.4828, 0.3602, 0.4469



52.4828, 0.2589, 0.3940



52.4828, 0.2574, 0.2316



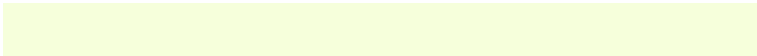
52.4828, 0.3619, 0.2742

Sweetspot

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



52.4851, 0.3602, 0.4469



96.3142, 0.3282, 0.3644



29.8383, 0.4195, 0.3571



20.5028, 0.3306, 0.3701



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.



52.4851, 0.3602, 0.4469



88.3094, 0.3679, 0.4705



47.9855, 0.3234, 0.4623



12.2832, 0.3229, 0.3521



30.5395, 0.3776, 0.5383



1.4779, 0.3868, 0.5311

Inverse Universe

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



20.2709, 0.2471, 0.1955



26.5442, 0.2299, 0.1644



24.6851, 0.2920, 0.2108



10.4089, 0.3020, 0.3054



3.0897, 0.1643, 0.0679



0.1811, 0.1865, 0.0801

Previews

White Background



This preview shows how the Yxy color 52.4828, 0.3602, 0.4469 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 52.4828, 0.3602, 0.4469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

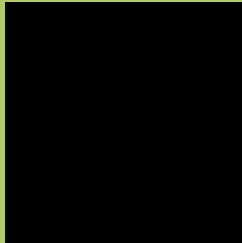
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4828, 0.3602, 0.4469

Background



This preview shows how black text looks on a background with the Yxy color 52.4828, 0.3602, 0.4469.



This preview shows how white text looks on a background with the Yxy color 52.4828, 0.3602, 0.4469.

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

52.4828, 0.3602, 0.4469

Protanopia

52.0248, 0.3945, 0.4288

Deuteranopia

52.2377, 0.4138, 0.4059



Tritanopia

52.3111, 0.3024, 0.3106

Trichromacy



Original Color

52.4828, 0.3602, 0.4469

Protanomaly

52.2550, 0.3818, 0.4359

Deuteranomaly

52.1653, 0.3935, 0.4203

Tritanomaly

52.0506, 0.3251, 0.3597

Monochromacy



Original Color

52.4828, 0.3602, 0.4469

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.2063, 0.3315, 0.3725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4828, 0.3602, 0.4469 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(179, 201, 110)` looks like.

```
.text, #text, p{  
    color:rgb(179, 201, 110)  
}
```

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(179, 201, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 201, 110) }
```

Border

The CSS property to change the border of an element to Yxy 52.4828, 0.3602, 0.4469 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(179, 201, 110) }
```

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

```
.border{ border-color:rgb(179, 201, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 201, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 201, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 201, 110);  
box-shadow:4px 4px 4px 4px rgb(179, 201,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4828, 0.3602, 0.4469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 201, 110) }
```

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

```
.background{ background-color: rgb(179,  
201, 110) }
```

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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