

Converting Colors

Yxy(52.1461, 0.3639, 0.4272)

Have a look what the booklet for
Yxy(52.1461, 0.3639, 0.4272)
contains.

Yxy(52.1074, 0.3636, 0.4273)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.1074, 0.3636, 0.4273)

Conversions

Conversions Part 1

Format	Color
Hex	BDC578
RGB	189, 197, 120
RGB Percent	74%, 77%, 47%
CMY	0.2589, 0.2274, 0.5293
CMYK	0.04, 0.00, 0.39, 0.23
HSL	66°, 40%, 62%
HSV	66°, 39%, 77%
XYZ	44.3395, 52.1074, 25.4988
YIQ	185.8300, 19.9490, -25.6430

Conversions

Conversions Part 2

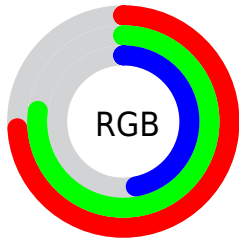
Format	Color
RYB	120, 197, 128
Decimal	12436856
CIELab	77.35, -14.57, 37.66
CIELCh	77, 40.381, 111.146
Yxy	52.1074, 0.3636, 0.4273
Android (android.graphics.Color)	4290626936 (0xFFBDC578)
YUV	185.8300, -32.4542, 2.7801
Hunter-Lab	72.1855, -16.6821, 29.5862

Details

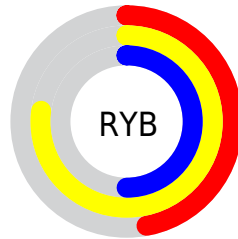
The Yxy color **52.1074, 0.3636, 0.4273** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.0660, 0.2484, 0.2132**, and the grayscale version is **49.1799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4936, 0.3555, 0.4104**, and **25.1555, 0.3742, 0.4535** is the 20% darker color. If you saturate the color by 10%, you get **51.4183, 0.3751, 0.4511**, and if you desaturate by 10%, it is **52.9033, 0.3510, 0.4021**.

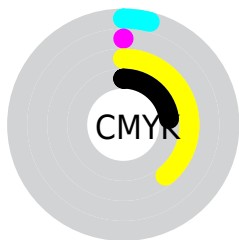
Distribution



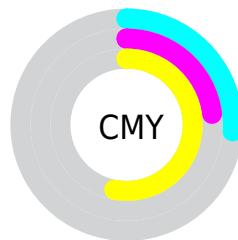
- Red (74%)
- Green (77%)
- Blue (47%)



- Red (47%)
- Yellow (77%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)




- Cyan (26%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1074, 0.3636, 0.4273 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 52.1074, 0.3636, 0.4273 by changing the saturation by 10% instead.

 52.1074, 0.3636,
0.4273


 52.1074, 0.3636,
0.4273


394.8511, 0.3401,
0.3784


 37.0907, 0.3687,
0.4392


 93.2896, 0.3556,
0.4097

 25.2777, 0.3747,
0.4541


 120.2239, 0.3524,
0.4030

 16.2841, 0.3817,
0.4734


 151.8995, 0.3497,
0.3974

 9.7254, 0.3895,
0.4987

188.7008, 0.3473,
0.3925

 5.2173, 0.3980,
0.5342

231.0122, 0.3452,
0.3883

 2.3753, 0.4082,
0.5918

279.2182, 0.3433,

 0.8131, 0.3391,

0.3845

0.6609

333.7030, 0.3416,
0.3813

0.0000, 0.0000,
0.0000

52.1074, 0.3636,
0.4273

52.1074, 0.3636,
0.4273

51.4183, 0.3751,
0.4511

52.9033, 0.3510,
0.4021

50.8230, 0.3850,
0.4724

53.8046, 0.3378,
0.3765

50.3169, 0.3927,
0.4904


54.8187, 0.3245,
0.3512


49.8925, 0.3979,
0.5043


55.9506, 0.3115,
0.3268


49.5406, 0.4006,
0.5137

57.2047, 0.2991,
0.3038

 49.2458, 0.4010,
0.5193

 58.5853, 0.2874,
0.2824

 49.2195, 0.4010,
0.5198

 59.9059, 0.2782,
0.2656

 60.1972, 0.2797,
0.2659

 60.4924, 0.2811,
0.2661

Harmonies

Analogous

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



52.1074, 0.4048, 0.4068



52.1074, 0.3636, 0.4273



52.1074, 0.3108, 0.4174

Triad

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



52.1074, 0.3636, 0.4273



52.1074, 0.2147, 0.2746



52.1074, 0.3625, 0.2872

Complementary

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



52.1074, 0.3636, 0.4273



22.0660, 0.2484, 0.2132

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.



52.1074, 0.3071, 0.2578



52.1074, 0.3636, 0.4273



52.1074, 0.2255, 0.2486

Square

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



52.1074, 0.3636, 0.4273



52.1074, 0.2269, 0.3205



52.1074, 0.2577, 0.2437



52.1074, 0.4060, 0.3266

Rectangle

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



52.1074, 0.3636, 0.4273



52.1074, 0.2764, 0.3922



52.1074, 0.2577, 0.2437



52.1074, 0.3444, 0.2760

Sweetspot

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



52.1097, 0.3636, 0.4273



97.5828, 0.3286, 0.3589



28.5960, 0.4050, 0.3396



20.8345, 0.3304, 0.3623



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.



52.1097, 0.3636, 0.4273



92.2376, 0.3736, 0.4480



47.8564, 0.3309, 0.4388



12.3586, 0.3249, 0.3519



32.3916, 0.4013, 0.5196



1.5503, 0.4053, 0.5164

Inverse Universe

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



22.0660, 0.2484, 0.2132



30.8541, 0.2311, 0.1834



25.6024, 0.2851, 0.2241



10.3396, 0.2999, 0.3052



2.7710, 0.1540, 0.0622



0.1496, 0.1665, 0.0691

Previews

White Background



This preview shows how the Yxy color 52.1074, 0.3636, 0.4273 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 52.1074, 0.3636, 0.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

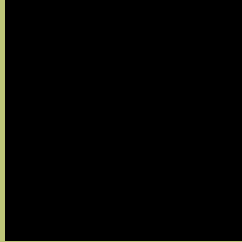
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1074, 0.3636, 0.4273

Background



This preview shows how black text looks on a background with the Yxy color 52.1074, 0.3636, 0.4273.



This preview shows how white text looks on a background with the Yxy color 52.1074, 0.3636, 0.4273.

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

52.1074, 0.3636, 0.4273

Protanopia

51.9795, 0.3847, 0.4174

Deuteranopia

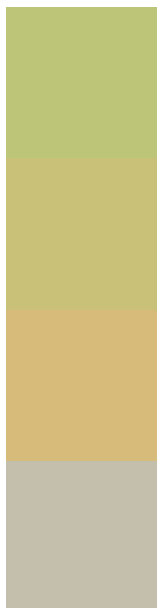
51.7090, 0.4054, 0.3960



Tritanopia

51.9470, 0.3111, 0.3109

Trichromacy



Original Color

52.1074, 0.3636, 0.4273

Protanomaly

51.8893, 0.3767, 0.4205

Deuteranomaly

51.3929, 0.3900, 0.4065

Tritanomaly

51.8423, 0.3307, 0.3529

Monochromacy



Original Color

52.1074, 0.3636, 0.4273

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0003, 0.3319, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1074, 0.3636, 0.4273 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(189, 197, 120)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 120)  
}
```

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(189, 197, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 120) }
```

Border

The CSS property to change the border of an element to Yxy 52.1074, 0.3636, 0.4273 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(189, 197, 120) }
```

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

```
.border{ border-color:rgb(189, 197, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 197, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 197, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 197, 120);  
box-shadow:4px 4px 4px 4px rgb(189, 197,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1074, 0.3636, 0.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 120) }
```

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

```
.background{ background-color: rgb(189,  
197, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor