

Converting Colors

Yxy(51.5317, 0.3677, 0.4493)

Have a look what the booklet for
Yxy(51.5317, 0.3677, 0.4493)
contains.

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Color

Yxy(51.3532, 0.3673, 0.4487)

Conversions

Conversions Part 1

Format	Color
Hex	B6C669
RGB	182, 198, 105
RGB Percent	71%, 78%, 41%
CMY	0.2862, 0.2235, 0.5883
CMYK	0.08, 0.00, 0.47, 0.22
HSL	70°, 45%, 59%
HSV	70°, 47%, 78%
XYZ	42.0371, 51.3532, 21.0586
YIQ	182.6140, 20.3170, -32.3150

Conversions

Conversions Part 2

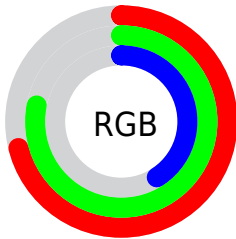
Format	Color
RYB	105, 198, 121
Decimal	11978345
CIELab	76.89, -19.45, 44.50
CIELCh	77, 48.563, 113.608
Yxy	51.3532, 0.3673, 0.4487
Android (android.graphics.Color)	4290168425 (0xFFB6C669)
YUV	182.6140, -38.2637, -0.5385
Hunter-Lab	71.6611, -20.6973, 32.7396

Details

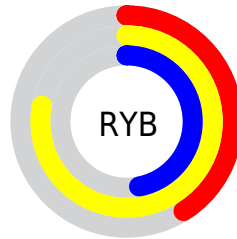
The Yxy color **51.3532, 0.3673, 0.4487** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.2428, 0.2382, 0.1879**, and the grayscale version is **47.3383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3393, 0.3590, 0.4276**, and **24.7249, 0.3776, 0.4814** is the 20% darker color. If you saturate the color by 10%, you get **50.5852, 0.3763, 0.4719**, and if you desaturate by 10%, it is **52.2307, 0.3567, 0.4235**.

Distribution



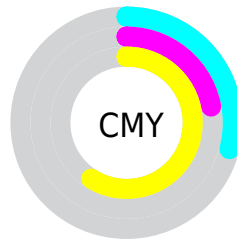
- Red (71%)
- Green (78%)
- Blue (41%)



- Red (41%)
- Yellow (78%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3532, 0.3673, 0.4487 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 51.3532, 0.3673, 0.4487 by changing the saturation by 10% instead.

 51.3532, 0.3673,
0.4487


 51.3532, 0.3673,
0.4487


391.9345, 0.3429,
0.3888

 36.4898, 0.3722,
0.4631


 92.1766, 0.3593,
0.4272

 24.8127, 0.3776,
0.4812


 118.9055, 0.3560,
0.4190

 15.9376, 0.3833,
0.5042


 150.3582, 0.3531,
0.4121

 9.4800, 0.3882,
0.5337

 186.9192, 0.3506,
0.4061

 5.0556, 0.3990,
0.5859

228.9730, 0.3483,
0.4010

 2.2799, 0.3791,
0.6209

276.9039, 0.3463,

 0.7630, 0.2471,

0.3964

0.7529

331.0962, 0.3445,
0.3924

■ 0.0000, 0.0000,
0.0000

■ 51.3532, 0.3673,
0.4487

■ 51.3532, 0.3673,
0.4487

■ 50.5852, 0.3763,
0.4719

■ 52.2307, 0.3567,
0.4235

■ 49.9130, 0.3833,
0.4920

■ 53.2168, 0.3452,
0.3975

■ 49.3313, 0.3879,
0.5083


■ 54.3195, 0.3331,
0.3714

■ 48.8312, 0.3899,
0.5200

■ 55.5440, 0.3210,
0.3460

■ 48.4008, 0.3895,
0.5274


■ 56.8951, 0.3092,
0.3219

 48.2776, 0.3891,
0.5292

 58.3773, 0.2978,
0.2993

 59.9952, 0.2872,
0.2785

 61.2002, 0.2823,
0.2675

 61.7028, 0.2847,
0.2679

Harmonies

Analogous

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



51.3532, 0.4191, 0.4236



51.3532, 0.3673, 0.4487



51.3532, 0.3038, 0.4350

Triad

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



51.3532, 0.3673, 0.4487



51.3532, 0.1970, 0.2593



51.3532, 0.3777, 0.2825

Complementary

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



51.3532, 0.3673, 0.4487



18.2428, 0.2382, 0.1879

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.



51.3532, 0.3107, 0.2472



51.3532, 0.3673, 0.4487



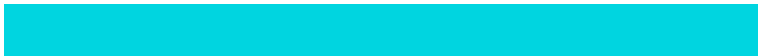
51.3532, 0.2116, 0.2319

Square

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



51.3532, 0.3673, 0.4487



51.3532, 0.2084, 0.3122



51.3532, 0.2509, 0.2290



51.3532, 0.4286, 0.3287

Rectangle

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



51.3532, 0.3673, 0.4487



51.3532, 0.2635, 0.4019



51.3532, 0.2509, 0.2290



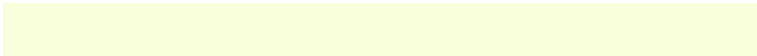
51.3532, 0.3559, 0.2692

Sweetspot

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



51.3555, 0.3673, 0.4487



96.7648, 0.3298, 0.3643



26.5781, 0.4293, 0.3499



20.6134, 0.3324, 0.3699



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.



51.3555, 0.3673, 0.4487



89.5919, 0.3762, 0.4716



46.6429, 0.3284, 0.4656



12.3212, 0.3239, 0.3520



31.4282, 0.3895, 0.5289



1.5132, 0.3961, 0.5237

Inverse Universe

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



18.2428, 0.2382, 0.1879



24.1498, 0.2192, 0.1550



22.3944, 0.2843, 0.2042



10.3737, 0.3009, 0.3053



2.8992, 0.1582, 0.0645



0.1652, 0.1766, 0.0747

Previews

White Background



This preview shows how the Yxy color 51.3532, 0.3673, 0.4487 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 51.3532, 0.3673, 0.4487 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 51.3532, 0.3673, 0.4487

Background



This preview shows how black text looks on a background with the Yxy color 51.3532, 0.3673, 0.4487.



This preview shows how white text looks on a background with the Yxy color 51.3532, 0.3673, 0.4487.

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

51.3532, 0.3673, 0.4487

Protanopia

51.3415, 0.3977, 0.4335

Deuteranopia

51.1408, 0.4180, 0.4092



Tritanopia

51.1424, 0.3062, 0.3106

Trichromacy



Original Color

51.3532, 0.3673, 0.4487

Protanomaly

51.2613, 0.3863, 0.4393

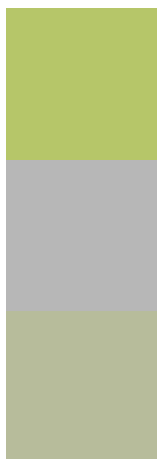
Deuteranomaly

50.7695, 0.3988, 0.4226

Tritanomaly

50.8704, 0.3295, 0.3598

Monochromacy



Original Color

51.3532, 0.3673, 0.4487

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.4003, 0.3343, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3532, 0.3673, 0.4487 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(182, 198, 105)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 105)  
}
```

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(182, 198, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 105) }
```

Border

The CSS property to change the border of an element to Yxy 51.3532, 0.3673, 0.4487 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(182, 198, 105) }
```

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

```
.border{ border-color:rgb(182, 198, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 105);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3532, 0.3673, 0.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 105) }
```

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

```
.background{ background-color: rgb(182,  
198, 105) }
```

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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