

Converting Colors

Yxy(50.1684, 0.3516, 0.4370)

Have a look what the booklet for
Yxy(50.1684, 0.3516, 0.4370)
contains.

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Color

Yxy(50.1011, 0.3518, 0.4361)

Conversions

Conversions Part 1

Format	Color
Hex	ADC575
RGB	173, 197, 117
RGB Percent	68%, 77%, 46%
CMY	0.3214, 0.2275, 0.5412
CMYK	0.12, 0.00, 0.41, 0.23
HSL	78°, 41%, 62%
HSV	78°, 41%, 77%
XYZ	40.4163, 50.1011, 24.3670
YIQ	180.7040, 11.3760, -29.9680

Conversions

Conversions Part 2

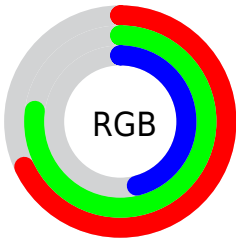
Format	Color
RYB	117, 197, 141
Decimal	11388277
CIELab	76.13, -21.13, 37.42
CIELCh	76, 42.974, 119.449
Yxy	50.1011, 0.3518, 0.4361
Android (android.graphics.Color)	4289578357 (0xFFADC575)
YUV	180.7040, -31.4061, -6.7564
Hunter-Lab	70.7821, -21.9459, 29.1367

Details

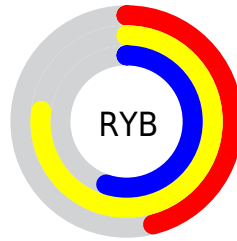
The Yxy color **50.1011, 0.3518, 0.4361** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **22.4104, 0.2598, 0.2124**, and the grayscale version is **46.2122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4439, 0.3457, 0.4168**, and **23.9721, 0.3590, 0.4666** is the 20% darker color. If you saturate the color by 10%, you get **49.0297, 0.3596, 0.4627**, and if you desaturate by 10%, it is **51.3042, 0.3428, 0.4087**.

Distribution



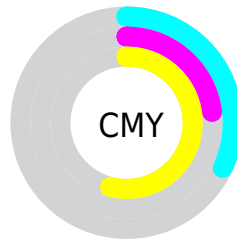
- Red (68%)
- Green (77%)
- Blue (46%)



- Red (46%)
- Yellow (77%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (41%)
- Black (23%)





- Cyan (32%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1011, 0.3518, 0.4361 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 50.1011, 0.3518, 0.4361 by changing the saturation by 10% instead.


 50.1011, 0.3518,
0.4361


 50.1011, 0.3518,
0.4361


387.0612, 0.3343,
0.3817


 35.4937, 0.3553,
0.4497


 90.3247, 0.3460,
0.4163

 24.0435, 0.3593,
0.4669


 116.7096, 0.3437,
0.4088

 15.3659, 0.3636,
0.4895


 147.7893, 0.3416,
0.4026

 9.0766, 0.3675,
0.5199

183.9480, 0.3398,
0.3972

 4.7912, 0.3711,
0.5659

225.5701, 0.3382,
0.3925

 2.1252, 0.3665,
0.6335

273.0401, 0.3367,

 0.6788, 0.1601,

0.3885

0.8399

326.7423, 0.3354,
0.3849

0.0000, 0.0000,
0.0000

50.1011, 0.3518,
0.4361

50.1011, 0.3518,
0.4361

49.0297, 0.3596,
0.4627

51.3042, 0.3428,
0.4087

48.0767, 0.3656,
0.4873

52.6382, 0.3332,
0.3815

47.2372, 0.3695,
0.5088


54.1110, 0.3232,
0.3553


46.5028, 0.3710,
0.5261

55.7278, 0.3133,
0.3305

45.8639, 0.3699,
0.5386


57.4935, 0.3037,
0.3074

 45.3340, 0.3672,
0.5467

 59.4128, 0.2945,
0.2863

 61.4900, 0.2859,
0.2671

 62.4027, 0.2900,
0.2677

 63.3409, 0.2942,
0.2685

Harmonies

Analogous

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



50.1011, 0.4013, 0.4209



50.1011, 0.3518, 0.4361



50.1011, 0.2944, 0.4154

Triad

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



50.1011, 0.3518, 0.4361



50.1011, 0.2087, 0.2602



50.1011, 0.3815, 0.2949

Complementary

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



50.1011, 0.3518, 0.4361



22.4104, 0.2598, 0.2124

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.



50.1011, 0.3230, 0.2601



50.1011, 0.3518, 0.4361



50.1011, 0.2266, 0.2392

Square

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



50.1011, 0.3518, 0.4361



50.1011, 0.2147, 0.3040



50.1011, 0.2666, 0.2401



50.1011, 0.4214, 0.3384

Rectangle

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



50.1011, 0.3518, 0.4361



50.1011, 0.2596, 0.3827



50.1011, 0.2666, 0.2401



50.1011, 0.3630, 0.2820

Sweetspot

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



50.1033, 0.3518, 0.4361



96.4868, 0.3248, 0.3593



31.8110, 0.4020, 0.3596



20.5753, 0.3261, 0.3627



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.



50.1033, 0.3518, 0.4361



87.9739, 0.3590, 0.4605



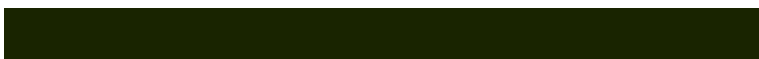
46.3101, 0.3197, 0.4479



12.2514, 0.3220, 0.3521



29.8648, 0.3678, 0.5461



1.4505, 0.3789, 0.5373

Inverse Universe

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



22.4104, 0.2598, 0.2124



31.4653, 0.2446, 0.1829



26.4147, 0.2990, 0.2245



10.4389, 0.3029, 0.3054



3.3014, 0.1709, 0.0715



0.1946, 0.1946, 0.0846

Previews

White Background



This preview shows how the Yxy color 50.1011, 0.3518, 0.4361 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 50.1011, 0.3518, 0.4361 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 50.1011, 0.3518, 0.4361

Background



This preview shows how black text looks on a background with the Yxy color 50.1011, 0.3518, 0.4361.



This preview shows how white text looks on a background with the Yxy color 50.1011, 0.3518, 0.4361.

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

50.1011, 0.3518, 0.4361

Protanopia

49.7120, 0.3878, 0.4197

Deuteranopia

49.6282, 0.4042, 0.3962



Tritanopia

49.9953, 0.2990, 0.3102

Trichromacy



Original Color

50.1011, 0.3518, 0.4361

Protanomaly

49.8140, 0.3741, 0.4268

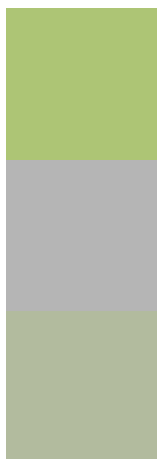
Deuteranomaly

49.5957, 0.3838, 0.4102

Tritanomaly

49.9052, 0.3189, 0.3552

Monochromacy



Original Color

50.1011, 0.3518, 0.4361

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.4742, 0.3278, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1011, 0.3518, 0.4361 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(173, 197, 117)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 117)  
}
```

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(173, 197, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 117) }
```

Border

The CSS property to change the border of an element to Yxy 50.1011, 0.3518, 0.4361 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(173, 197, 117) }
```

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

```
.border{ border-color:rgb(173, 197, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 197, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 197, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 197, 117); box-shadow:4px 4px 4px 4px rgb(173, 197, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1011, 0.3518, 0.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 117) }
```

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

```
.background{ background-color: rgb(173,  
197, 117) }
```

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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