

Converting Colors

Yxy(54.9274, 0.3307, 0.4371)

Have a look what the booklet for
Yxy(54.9274, 0.3307, 0.4371)
contains.

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Color

Yxy(54.7630, 0.3307, 0.4368)

Conversions

Conversions Part 1

Format	Color
Hex	A1D181
RGB	161, 209, 129
RGB Percent	63%, 82%, 51%
CMY	0.3686, 0.1804, 0.4942
CMYK	0.23, 0.00, 0.38, 0.18
HSL	96°, 47%, 66%
HSV	96°, 38%, 82%
XYZ	41.4609, 54.7630, 29.1493
YIQ	185.5280, -2.9280, -35.0560

Conversions

Conversions Part 2

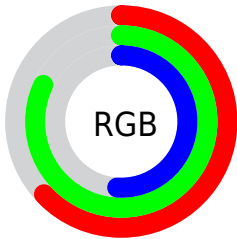
Format	Color
RYB	129, 209, 177
Decimal	10604929
CIELab	78.90, -29.87, 34.73
CIElCh	79, 45.807, 130.699
Yxy	54.7630, 0.3307, 0.4368
Android (android.graphics.Color)	4288795009 (0xFFA1D181)
YUV	185.5280, -27.8683, -21.5111
Hunter-Lab	74.0020, -29.4959, 28.4472

Details

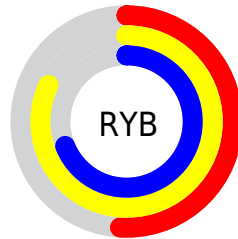
The Yxy color **54.7630, 0.3307, 0.4368** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.6469, 0.2857, 0.2260**, and the grayscale version is **48.9861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6906, 0.3301, 0.4061**, and **26.8494, 0.3333, 0.4682** is the 20% darker color. If you saturate the color by 10%, you get **53.0273, 0.3337, 0.4681**, and if you desaturate by 10%, it is **56.7478, 0.3267, 0.4061**.

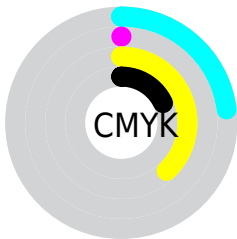
Distribution



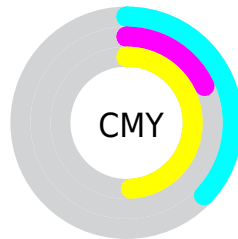
- Red (63%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)





- Cyan (37%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7630, 0.3307, 0.4368 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 54.7630, 0.3307, 0.4368 by changing the saturation by 10% instead.


 54.7630, 0.3307,
0.4368


 54.7630, 0.3307,
0.4368


405.0129, 0.3238,
0.3820


 39.2120, 0.3317,
0.4506


 97.1936, 0.3287,
0.4168

 26.9247, 0.3326,
0.4682


 124.8420, 0.3278,
0.4093

 17.5167, 0.3329,
0.4915


 157.2917, 0.3270,
0.4029

 10.6035, 0.3319,
0.5234

194.9271, 0.3262,
0.3975

 5.8009, 0.3271,
0.5690

238.1325, 0.3255,
0.3929

 2.7244, 0.3286,
0.6714

287.2923, 0.3249,

 0.9896, 0.1735,

0.3888

0.8265

342.7910, 0.3243,
0.3852

0.0000, 0.0000,
0.0000

54.7630, 0.3307,
0.4368

54.7630, 0.3307,
0.4368

53.0273, 0.3337,
0.4681

56.7478, 0.3267,
0.4061

51.5227, 0.3354,
0.4984

58.9845, 0.3220,
0.3768

50.2398, 0.3354,
0.5263


61.4850, 0.3170,
0.3497

49.1656, 0.3335,
0.5498

64.2583, 0.3118,
0.3249


48.2854, 0.3297,
0.5677


67.3126, 0.3068,
0.3027

 47.5789, 0.3245,
0.5795

 70.6563, 0.3019,
0.2828

 47.4708, 0.3236,
0.5813

 72.9202, 0.3104,
0.2835

 74.0831, 0.3148,
0.2841

Harmonies

Analogous

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



54.7630, 0.3868, 0.4334



54.7630, 0.3307, 0.4368



54.7630, 0.2726, 0.4010

Triad

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



54.7630, 0.3307, 0.4368



54.7630, 0.2096, 0.2470



54.7630, 0.4028, 0.3098

Complementary

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



54.7630, 0.3307, 0.4368



29.6469, 0.2857, 0.2260

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.



54.7630, 0.3468, 0.2699



54.7630, 0.3307, 0.4368



54.7630, 0.2369, 0.2343

Square

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



54.7630, 0.3307, 0.4368



54.7630, 0.2064, 0.2834



54.7630, 0.2854, 0.2431



54.7630, 0.4322, 0.3561

Rectangle

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



54.7630, 0.3307, 0.4368



54.7630, 0.2407, 0.3616



54.7630, 0.2854, 0.2431



54.7630, 0.3861, 0.2955

Sweetspot

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



54.7654, 0.3307, 0.4368



95.2705, 0.3184, 0.3571



46.0599, 0.3841, 0.3870



20.2749, 0.3191, 0.3608



0.0000, 0.0000, 0.0000



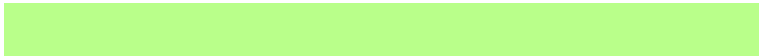
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7654, 0.3307, 0.4368



83.6153, 0.3333, 0.4626



52.0371, 0.3033, 0.4351



13.4338, 0.3175, 0.3526



29.3216, 0.3246, 0.5805



1.6851, 0.3393, 0.5688

Inverse Universe

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



29.6469, 0.2857, 0.2260



38.7303, 0.2779, 0.2026



33.5337, 0.3236, 0.2420



11.7633, 0.3075, 0.3056



5.6026, 0.2238, 0.1006



0.3588, 0.2414, 0.1104

Previews

White Background



This preview shows how the Yxy color 54.7630, 0.3307, 0.4368 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 54.7630, 0.3307, 0.4368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

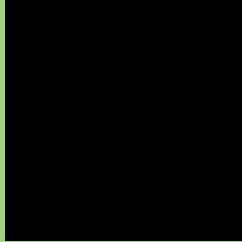
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7630, 0.3307, 0.4368

Background



This preview shows how black text looks on a background with the Yxy color 54.7630, 0.3307, 0.4368.



This preview shows how white text looks on a background with the Yxy color 54.7630, 0.3307, 0.4368.

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

54.7630, 0.3307, 0.4368

Protanopia

54.4573, 0.3826, 0.4148

Deuteranopia

53.9948, 0.3961, 0.3879



Tritanopia

54.7518, 0.2831, 0.3091

Trichromacy



Original Color

54.7630, 0.3307, 0.4368

Protanomaly

54.1267, 0.3624, 0.4233

Deuteranomaly

53.3713, 0.3710, 0.4048

Tritanomaly

54.6076, 0.3003, 0.3536

Monochromacy



Original Color

54.7630, 0.3307, 0.4368

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.6473, 0.3206, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7630, 0.3307, 0.4368 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(161, 209, 129)` looks like.

```
.text, #text, p{  
    color:rgb(161, 209, 129)  
}
```

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(161, 209, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 209, 129) }
```

Border

The CSS property to change the border of an element to Yxy 54.7630, 0.3307, 0.4368 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(161, 209, 129) }
```

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

```
.border{ border-color:rgb(161, 209, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 209, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 209, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 209, 129);  
box-shadow:4px 4px 4px 4px rgb(161, 209,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7630, 0.3307, 0.4368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 209, 129) }
```

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

```
.background{ background-color: rgb(161,  
209, 129) }
```

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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