

Converting Colors

$Yxy(55.0307, 0.3037, 0.4000)$

Have a look what the booklet for
Yxy(55.0307, 0.3037, 0.4000)
contains.

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Color

Yxy(55.0458, 0.3037, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	96D29E
RGB	150, 210, 158
RGB Percent	59%, 82%, 62%
CMY	0.4118, 0.1764, 0.3803
CMYK	0.29, 0.00, 0.25, 0.18
HSL	128°, 40%, 71%
HSV	128°, 29%, 82%
XYZ	41.7935, 55.0458, 40.7752
YIQ	186.1320, -19.0680, -28.8920

Conversions

Conversions Part 2

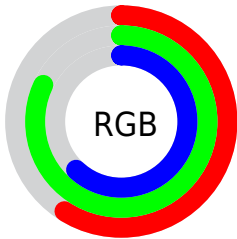
Format	Color
RYB	150, 203, 210
Decimal	9884318
CIELab	79.07, -29.56, 19.75
CIELCh	79, 35.552, 146.252
Yxy	55.0458, 0.3037, 0.4000
Android (android.graphics.Color)	4288074398 (0xFF96D29E)
YUV	186.1320, -13.8691, -31.6878
Hunter-Lab	74.1929, -29.2868, 19.3502

Details

The Yxy color **55.0458, 0.3037, 0.4000** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.7716, 0.3233, 0.2671**, and the grayscale version is **49.2670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3032, 0.3057, 0.3743**, and **27.0247, 0.3003, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **52.6507, 0.3007, 0.4300**, and if you desaturate by 10%, it is **57.8953, 0.3069, 0.3725**.

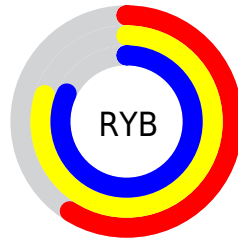
Distribution



Red (59%)

Green (82%)

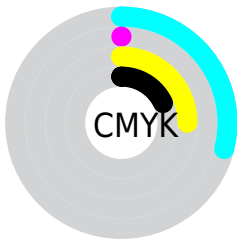
Blue (62%)



Red (59%)

Yellow (80%)

Blue (82%)

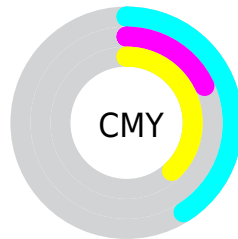


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (18%)



Cyan (41%)


Magenta (18%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0458, 0.3037, 0.4000 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 55.0458, 0.3037, 0.4000 by changing the saturation by 10% instead.


 55.0458, 0.3037,
0.4000


 55.0458, 0.3037,
0.4000

406.0855, 0.3089,
0.3640

 39.4384, 0.3022,
0.4091

 97.6081, 0.3057,
0.3868

 27.1009, 0.3002,
0.4209


 125.3317, 0.3065,
0.3819

 17.6490, 0.2972,
0.4368


157.8629, 0.3070,
0.3777

 10.6983, 0.2927,
0.4590

195.5860, 0.3075,
0.3742

 5.8644, 0.2852,
0.4924

238.8854, 0.3080,
0.3711

 2.7628, 0.2708,
0.5474

288.1455, 0.3083,


 1.0092, 0.1872,


0.3684

0.8128

343.7508, 0.3086,
0.3661

 0.0000, 0.0000,
0.0000


 55.0458, 0.3037,
0.4000


 55.0458, 0.3037,
0.4000


 52.6507, 0.3007,
0.4300

 57.8953, 0.3069,
0.3725

 50.6798, 0.2981,
0.4618

 61.2136, 0.3100,
0.3478


 49.1103, 0.2961,
0.4939

 65.0233, 0.3131,
0.3261

 47.9144, 0.2950,
0.5246

 69.3430, 0.3161,
0.3071

 47.0604, 0.2948,
0.5518

 74.1909, 0.3189,
0.2907

■ 46.5116, 0.2957,
0.5736

■ 74.5770, 0.3148,
0.2851

■ 46.2135, 0.2972,
0.5886

■ 46.1814, 0.2973,
0.5903

Harmonies

Analogous

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



55.0458, 0.3501, 0.4142



55.0458, 0.3037, 0.4000



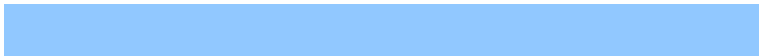
55.0458, 0.2617, 0.3613

Triad

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



55.0458, 0.3037, 0.4000



55.0458, 0.2399, 0.2568



55.0458, 0.3974, 0.3339

Complementary

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



55.0458, 0.3037, 0.4000



39.7716, 0.3233, 0.2671

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.



55.0458, 0.3634, 0.2981



55.0458, 0.3037, 0.4000



55.0458, 0.2715, 0.2551

Square

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



55.0458, 0.3037, 0.4000



55.0458, 0.2270, 0.2770



55.0458, 0.3163, 0.2700



55.0458, 0.4063, 0.3712

Rectangle

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



55.0458, 0.3037, 0.4000



55.0458, 0.2415, 0.3299



55.0458, 0.3163, 0.2700



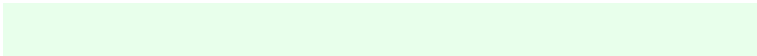
55.0458, 0.3884, 0.3215

Sweetspot

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



55.0481, 0.3037, 0.4000



94.6894, 0.3099, 0.3490



60.8554, 0.3491, 0.4015



20.0965, 0.3094, 0.3525



0.0000, 0.0000, 0.0000



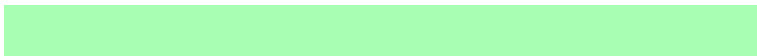
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0481, 0.3037, 0.4000



83.1692, 0.3019, 0.4171



56.2097, 0.2847, 0.3581



13.2317, 0.3098, 0.3497



28.1761, 0.2969, 0.5887



1.5840, 0.2894, 0.5618

Inverse Universe

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



39.7716, 0.3233, 0.2671



55.8711, 0.3259, 0.2545



38.4868, 0.3524, 0.3019



11.9807, 0.3158, 0.3091



10.4261, 0.3576, 0.1744



0.5907, 0.3499, 0.1701

Previews

White Background



This preview shows how the Yxy color 55.0458, 0.3037, 0.4000 looks on a white background.

Color Contrast Check

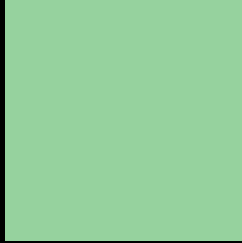
Large Text (above 18pt) WCAG AA × Fail

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 55.0458, 0.3037, 0.4000 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 55.0458, 0.3037, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 55.0458, 0.3037, 0.4000.

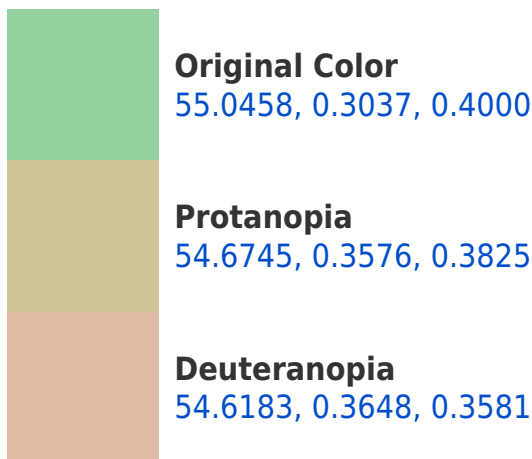


This preview shows how white text looks on a background with the Yxy color 55.0458, 0.3037, 0.4000.

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





Tritanopia

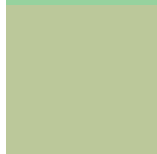
54.8801, 0.2727, 0.3088

Trichromacy



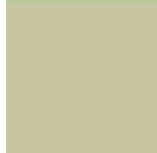
Original Color

55.0458, 0.3037, 0.4000



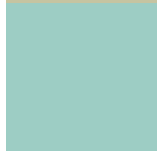
Protanomaly

54.2064, 0.3362, 0.3879



Deuteranomaly

54.0588, 0.3410, 0.3726



Tritanomaly

54.8163, 0.2840, 0.3407

Monochromacy



Original Color

55.0458, 0.3037, 0.4000



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

51.0490, 0.3092, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0458, 0.3037, 0.4000 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(150, 210, 158)` looks like.

```
.text, #text, p{  
    color:rgb(150, 210, 158)  
}
```

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(150, 210, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 210, 158) }
```

Border

The CSS property to change the border of an element to Yxy 55.0458, 0.3037, 0.4000 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(150, 210, 158) }
```

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

```
.border{ border-color:rgb(150, 210, 158) }
```

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

Here you see how a box with a 4 pixel rgb(150, 210, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 210, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 210, 158);  
box-shadow:4px 4px 4px 4px rgb(150, 210,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0458, 0.3037, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 210, 158) }
```

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

```
.background{ background-color: rgb(150,  
210, 158) }
```

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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