

Converting Colors

$Yxy(55.3379, 0.3043, 0.4114)$

Have a look what the booklet for
Yxy(55.3379, 0.3043, 0.4114)
contains.

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Color

Yxy(55.3737, 0.3040, 0.4117)

Conversions

Conversions Part 1

Format	Color
Hex	91D498
RGB	145, 212, 152
RGB Percent	57%, 83%, 60%
CMY	0.4314, 0.1686, 0.4039
CMYK	0.32, 0.00, 0.28, 0.17
HSL	126°, 44%, 70%
HSV	126°, 32%, 83%
XYZ	40.8880, 55.3737, 38.2384
YIQ	185.1270, -20.6720, -32.8640

Conversions

Conversions Part 2

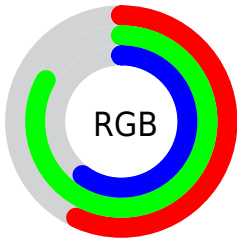
Format	Color
RYB	145, 206, 212
Decimal	9557144
CIELab	79.26, -33.14, 23.13
CIELCh	79, 40.413, 145.087
Yxy	55.3737, 0.3040, 0.4117
Android (android.graphics.Color)	4287747224 (0xFF91D498)
YUV	185.1270, -16.3316, -35.1914
Hunter-Lab	74.4135, -32.1431, 21.6225

Details

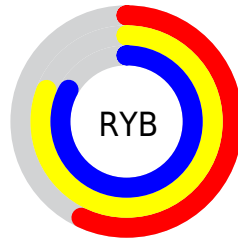
The Yxy color **55.3737, 0.3040, 0.4117** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6571, 0.3228, 0.2583**, and the grayscale version is **48.6925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4425, 0.3066, 0.3814**, and **27.3288, 0.2999, 0.4356** is the 20% darker color. If you saturate the color by 10%, you get **53.0533, 0.3014, 0.4434**, and if you desaturate by 10%, it is **58.1577, 0.3068, 0.3823**.

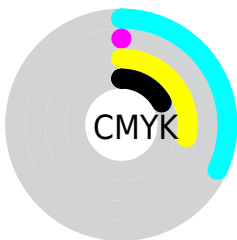
Distribution



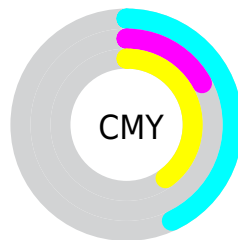
- Red (57%)
- Green (83%)
- Blue (60%)



- Red (57%)
- Yellow (81%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)





- Cyan (43%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3737, 0.3040, 0.4117 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 55.3737, 0.3040, 0.4117 by changing the saturation by 10% instead.


 55.3737, 0.3040,
0.4117


 55.3737, 0.3040,
0.4117


407.3269, 0.3093,
0.3696

 39.7010, 0.3024,
0.4224


 98.0883, 0.3061,
0.3962

 27.3055, 0.3001,
0.4363


 125.8989, 0.3069,
0.3905

 17.8028, 0.2968,
0.4549


158.5244, 0.3075,
0.3856

 10.8085, 0.2916,
0.4810

196.3490, 0.3080,
0.3815

 5.9382, 0.2827,
0.5200

239.7571, 0.3084,
0.3779

 2.8075, 0.2665,
0.5864

289.1332, 0.3087,

 1.0321, 0.1378,

0.3747

0.8622

344.8617, 0.3090,
0.3720

■ 0.0000, 0.0000,
0.0000

■ 55.3737, 0.3040,
0.4117

■ 55.3737, 0.3040,
0.4117

■ 53.0533, 0.3014,
0.4434

■ 58.1577, 0.3068,
0.3823

■ 51.1647, 0.2992,
0.4764

■ 61.4213, 0.3096,
0.3559

■ 49.6832, 0.2975,
0.5089

■ 65.1880, 0.3123,
0.3325

■ 48.5786, 0.2966,
0.5390

■ 69.4779, 0.3149,
0.3120

■ 47.8165, 0.2965,
0.5644

■ 74.3102, 0.3173,
0.2943

■ 47.3563, 0.2973,
0.5832

■ 75.5691, 0.3147,
0.2871

■ 47.1476, 0.2982,
0.5934

Harmonies

Analogous

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



55.3737, 0.3563, 0.4260



55.3737, 0.3040, 0.4117



55.3737, 0.2565, 0.3678

Triad

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



55.3737, 0.3040, 0.4117



55.3737, 0.2300, 0.2482



55.3737, 0.4079, 0.3322

Complementary

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



55.3737, 0.3040, 0.4117



38.6571, 0.3228, 0.2583

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.



55.3737, 0.3682, 0.2926



55.3737, 0.3040, 0.4117



55.3737, 0.2643, 0.2460

Square

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



55.3737, 0.3040, 0.4117



55.3737, 0.2165, 0.2711



55.3737, 0.3144, 0.2620



55.3737, 0.4190, 0.3740

Rectangle

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



55.3737, 0.3040, 0.4117



55.3737, 0.2336, 0.3315



55.3737, 0.3144, 0.2620



55.3737, 0.3974, 0.3184

Sweetspot

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



55.3760, 0.3040, 0.4117



94.6504, 0.3103, 0.3497



62.1559, 0.3547, 0.4089



20.0869, 0.3099, 0.3533



0.0000, 0.0000, 0.0000



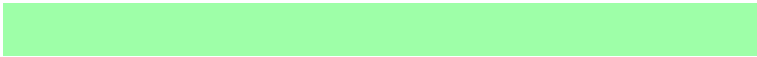
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3760, 0.3040, 0.4117



81.6347, 0.3022, 0.4330



56.6204, 0.2834, 0.3647



13.9168, 0.3102, 0.3505



29.1124, 0.2978, 0.5921



1.7632, 0.2920, 0.5711

Inverse Universe

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



38.6571, 0.3228, 0.2583



52.3330, 0.3254, 0.2434



37.2200, 0.3557, 0.2961



12.6093, 0.3154, 0.3084



10.9411, 0.3489, 0.1696



0.6665, 0.3435, 0.1666

Previews

White Background



This preview shows how the Yxy color 55.3737, 0.3040, 0.4117 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 55.3737, 0.3040, 0.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

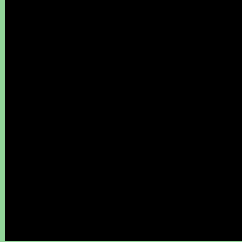
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3737, 0.3040, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 55.3737, 0.3040, 0.4117.

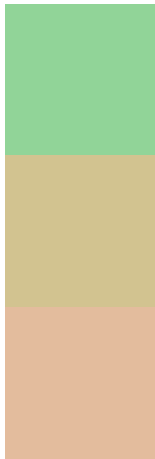


This preview shows how white text looks on a background with the Yxy color 55.3737, 0.3040, 0.4117.

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

55.3737, 0.3040, 0.4117

Protanopia

54.7455, 0.3649, 0.3907

Deuteranopia

54.7317, 0.3716, 0.3649



Tritanopia

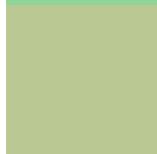
55.1483, 0.2698, 0.3075

Trichromacy



Original Color

55.3737, 0.3040, 0.4117



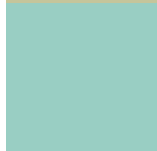
Protanomaly

54.3190, 0.3403, 0.3983



Deuteranomaly

54.1694, 0.3445, 0.3816



Tritanomaly

54.8550, 0.2820, 0.3434

Monochromacy



Original Color

55.3737, 0.3040, 0.4117



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.5934, 0.3090, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3737, 0.3040, 0.4117 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(145, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 152)  
}
```

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(145, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 152) }
```

Border

The CSS property to change the border of an element to Yxy 55.3737, 0.3040, 0.4117 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(145, 212, 152) }
```

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

```
.border{ border-color:rgb(145, 212, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 212, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 212,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3737, 0.3040, 0.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 152) }
```

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

```
.background{ background-color: rgb(145,  
212, 152) }
```

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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