

Converting Colors

$Yxy(54.2999, 0.3039, 0.4020)$

Have a look what the booklet for
Yxy(54.2999, 0.3039, 0.4020)
contains.

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Color

Yxy(54.2971, 0.3036, 0.4020)

Conversions

Conversions Part 1

Format	Color
Hex	94D19C
RGB	148, 209, 156
RGB Percent	58%, 82%, 61%
CMY	0.4198, 0.1803, 0.3883
CMYK	0.29, 0.00, 0.25, 0.18
HSL	128°, 40%, 70%
HSV	128°, 29%, 82%
XYZ	41.0065, 54.2971, 39.7638
YIQ	184.7190, -19.3430, -29.4150

Conversions

Conversions Part 2

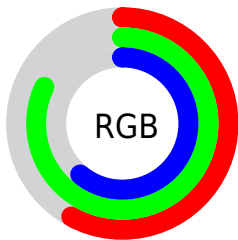
Format	Color
RYB	148, 202, 209
Decimal	9752988
CIELab	78.63, -30.10, 20.21
CIELCh	79, 36.251, 146.124
Yxy	54.2971, 0.3036, 0.4020
Android (android.graphics.Color)	4287943068 (0xFF94D19C)
YUV	184.7190, -14.1585, -32.2026
Hunter-Lab	73.6866, -29.6165, 19.5856

Details

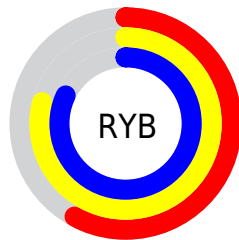
The Yxy color **54.2971, 0.3036, 0.4020** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9392, 0.3234, 0.2656**, and the grayscale version is **48.4349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9197, 0.3056, 0.3767**, and **26.5436, 0.3001, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **51.9542, 0.3007, 0.4322**, and if you desaturate by 10%, it is **57.0884, 0.3067, 0.3742**.

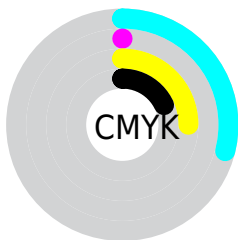
Distribution



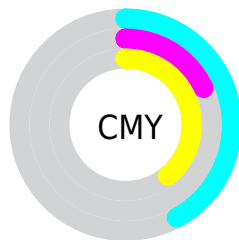
- Red (58%)
- Green (82%)
- Blue (61%)



- Red (58%)
- Yellow (79%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)




- Cyan (42%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2971, 0.3036, 0.4020 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 54.2971, 0.3036, 0.4020 by changing the saturation by 10% instead.

 54.2971, 0.3036,
0.4020


 54.2971, 0.3036,
0.4020


403.2419, 0.3089,
0.3648

 38.8392, 0.3021,
0.4115

 96.5103, 0.3057,
0.3883

 26.6347, 0.2999,
0.4237


 124.0345, 0.3064,
0.3833

 17.2991, 0.2969,
0.4401

156.3495, 0.3070,
0.3790

 10.4479, 0.2922,
0.4633

193.8399, 0.3075,
0.3753

 5.6970, 0.2843,
0.4982

236.8899, 0.3079,
0.3722

 2.6617, 0.2692,
0.5565

285.8840, 0.3083,

 0.9578, 0.1536,

0.3694

0.8464

341.2065, 0.3086,
0.3670

0.0000, 0.0000,
0.0000

54.2971, 0.3036,
0.4020

54.2971, 0.3036,
0.4020

51.9542, 0.3007,
0.4322

57.0884, 0.3067,
0.3742

50.0297, 0.2981,
0.4641

60.3425, 0.3099,
0.3493

48.5009, 0.2962,
0.4963

64.0817, 0.3130,
0.3274

47.3400, 0.2951,
0.5268

68.3248, 0.3159,
0.3082

46.5155, 0.2950,
0.5537

73.0895, 0.3186,
0.2916

■ 45.9906, 0.2958,
0.5750

■ 74.0880, 0.3148,
0.2841

■ 45.7069, 0.2973,
0.5896

■ 45.6894, 0.2974,
0.5905

Harmonies

Analogous

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



54.2971, 0.3511, 0.4164



54.2971, 0.3036, 0.4020



54.2971, 0.2607, 0.3623

Triad

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



54.2971, 0.3036, 0.4020



54.2971, 0.2382, 0.2552



54.2971, 0.3994, 0.3338

Complementary

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



54.2971, 0.3036, 0.4020



38.9392, 0.3234, 0.2656

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.



54.2971, 0.3644, 0.2972



54.2971, 0.3036, 0.4020



54.2971, 0.2703, 0.2535

Square

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



54.2971, 0.3036, 0.4020



54.2971, 0.2251, 0.2758



54.2971, 0.3161, 0.2687



54.2971, 0.4086, 0.3718

Rectangle

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



54.2971, 0.3036, 0.4020



54.2971, 0.2400, 0.3300



54.2971, 0.3161, 0.2687



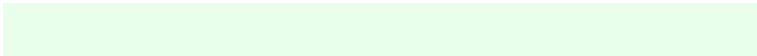
54.2971, 0.3902, 0.3211

Sweetspot

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



54.2994, 0.3036, 0.4020



94.6863, 0.3099, 0.3491



60.2860, 0.3507, 0.4029



20.0957, 0.3094, 0.3526



0.0000, 0.0000, 0.0000



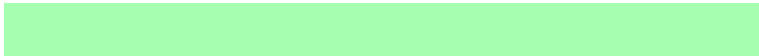
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2994, 0.3036, 0.4020



82.7938, 0.3018, 0.4205



55.4281, 0.2848, 0.3602



13.2312, 0.3098, 0.3498



28.1746, 0.2969, 0.5890



1.5838, 0.2896, 0.5624

Inverse Universe

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



38.9392, 0.3234, 0.2656



54.9286, 0.3262, 0.2522



37.6769, 0.3525, 0.3000



11.9812, 0.3158, 0.3090



10.4383, 0.3569, 0.1740



0.5913, 0.3494, 0.1698

Previews

White Background



This preview shows how the Yxy color 54.2971, 0.3036, 0.4020 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 54.2971, 0.3036, 0.4020 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 54.2971, 0.3036, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 54.2971, 0.3036, 0.4020.

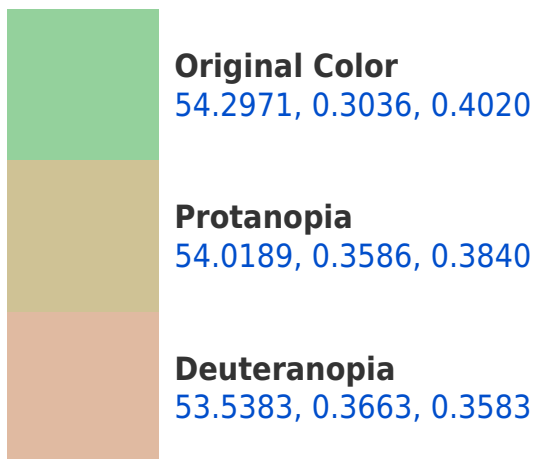


This preview shows how white text looks on a background with the Yxy color 54.2971, 0.3036, 0.4020.

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

54.1540, 0.2719, 0.3087

Trichromacy



Original Color

54.2971, 0.3036, 0.4020



Protanomaly

53.5529, 0.3370, 0.3895



Deuteranomaly

52.8225, 0.3412, 0.3731



Tritanomaly

54.0944, 0.2832, 0.3407

Monochromacy



Original Color

54.2971, 0.3036, 0.4020



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.4102, 0.3099, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2971, 0.3036, 0.4020 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(148, 209, 156)` looks like.

```
.text, #text, p{  
    color:rgb(148, 209, 156)  
}
```

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(148, 209, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 209, 156) }
```

Border

The CSS property to change the border of an element to Yxy 54.2971, 0.3036, 0.4020 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(148, 209, 156) }
```

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

```
.border{ border-color:rgb(148, 209, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 209, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 209, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 209, 156); box-shadow:4px 4px 4px 4px rgb(148, 209, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2971, 0.3036, 0.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 209, 156) }
```

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

```
.background{ background-color: rgb(148,  
209, 156) }
```

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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