

Converting Colors

Yxy(54.2662, 0.2991, 0.3713)

Have a look what the booklet for
Yxy(54.2662, 0.2991, 0.3713)
contains.

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Color

Yxy(54.4677, 0.2990, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	9ECEAE
RGB	158, 206, 174
RGB Percent	62%, 81%, 68%
CMY	0.3803, 0.1922, 0.3176
CMYK	0.23, 0.00, 0.16, 0.19
HSL	140°, 33%, 71%
HSV	140°, 23%, 81%
XYZ	43.8145, 54.4677, 48.2545
YIQ	188.0000, -18.3360, -20.1280

Conversions

Conversions Part 2

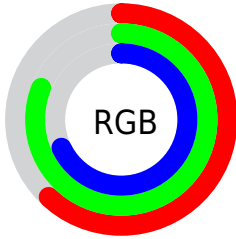
Format	Color
RYB	158, 194, 206
Decimal	10407598
CIELab	78.73, -22.09, 10.85
CIELCh	79, 24.611, 153.840
Yxy	54.4677, 0.2990, 0.3717
Android (android.graphics.Color)	4288597678 (0xFF9ECEAE)
YUV	188.0000, -6.9020, -26.3100
Hunter-Lab	73.8022, -23.1831, 12.8956

Details

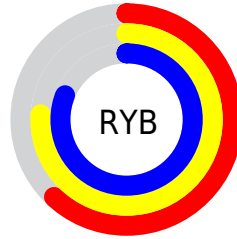
The Yxy color **54.4677, 0.2990, 0.3717** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.2979, 0.3297, 0.2898**, and the grayscale version is **50.3400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3233, 0.3017, 0.3562**, and **26.9258, 0.2950, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **52.0443, 0.2936, 0.3935**, and if you desaturate by 10%, it is **57.3006, 0.3048, 0.3520**.

Distribution



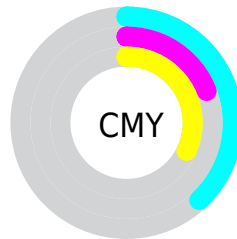
- Red (62%)
- Green (81%)
- Blue (68%)



- Red (62%)
- Yellow (76%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)




- Cyan (38%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4677, 0.2990, 0.3717 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 54.4677, 0.2990, 0.3717 by changing the saturation by 10% instead.

 54.4677, 0.2990,
0.3717


 54.4677, 0.2990,
0.3717

403.8910, 0.3060,
0.3503

 38.9757, 0.2972,
0.3771


 96.7606, 0.3016,
0.3639

 26.7408, 0.2949,
0.3840


 124.3303, 0.3025,
0.3610

 17.3787, 0.2918,
0.3932


156.6947, 0.3033,
0.3585

 10.5048, 0.2874,
0.4061

194.2382, 0.3040,
0.3564

 5.7349, 0.2807,
0.4254

237.3452, 0.3046,
0.3546

 2.6846, 0.2693,
0.4573

286.4001, 0.3051,

 0.9694, 0.2311,

0.3530

0.5899

341.7872, 0.3056,
0.3515

0.0000, 0.0000,
0.0000

54.4677, 0.2990,
0.3717

54.4677, 0.2990,
0.3717

52.0443, 0.2936,
0.3935

57.3006, 0.3048,
0.3520

50.0045, 0.2888,
0.4172

60.5539, 0.3108,
0.3344

48.3298, 0.2849,
0.4423

64.2466, 0.3167,
0.3188

46.9977, 0.2824,
0.4681

68.3945, 0.3225,
0.3051

45.9829, 0.2814,
0.4936

71.8542, 0.3236,
0.2927

■ 45.2563, 0.2822,
0.5179

■ 72.6230, 0.3150,
0.2811

■ 44.7834, 0.2846,
0.5396

■ 44.5688, 0.2868,
0.5525

Harmonies

Analogous

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



54.4677, 0.3316, 0.3865



54.4677, 0.2990, 0.3717



54.4677, 0.2711, 0.3435

Triad

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



54.4677, 0.2990, 0.3717



54.4677, 0.2658, 0.2763



54.4677, 0.3746, 0.3404

Complementary

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



54.4677, 0.2990, 0.3717



41.2979, 0.3297, 0.2898

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.



54.4677, 0.3552, 0.3136



54.4677, 0.2990, 0.3717



54.4677, 0.2915, 0.2778

Square

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



54.4677, 0.2990, 0.3717



54.4677, 0.2527, 0.2882



54.4677, 0.3242, 0.2912



54.4677, 0.3763, 0.3660

Rectangle

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



54.4677, 0.2990, 0.3717



54.4677, 0.2585, 0.3224



54.4677, 0.3242, 0.2912



54.4677, 0.3699, 0.3313

Sweetspot

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



54.4700, 0.2990, 0.3717



96.0276, 0.3085, 0.3408



57.5599, 0.3346, 0.3892



20.4841, 0.3081, 0.3418



0.0000, 0.0000, 0.0000



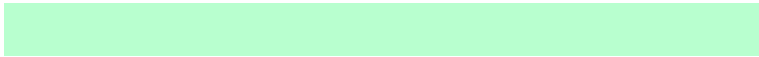
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4700, 0.2990, 0.3717



86.1859, 0.2962, 0.3825



55.4908, 0.2835, 0.3393



12.5976, 0.3071, 0.3448



27.4600, 0.2861, 0.5498



1.4307, 0.2747, 0.5090

Inverse Universe

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



41.2979, 0.3297, 0.2898



61.1555, 0.3343, 0.2810



40.3337, 0.3525, 0.3190



11.3377, 0.3188, 0.3137



9.2164, 0.4264, 0.2122



0.4892, 0.4008, 0.1981

Previews

White Background



This preview shows how the Yxy color 54.4677, 0.2990, 0.3717 looks on a white background.

Color Contrast Check

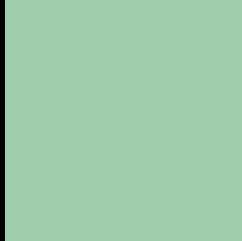
Large Text (above 18pt) WCAG AA × Fail

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 54.4677, 0.2990, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

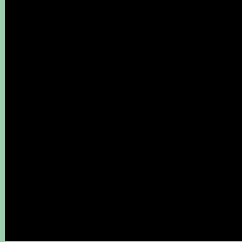
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

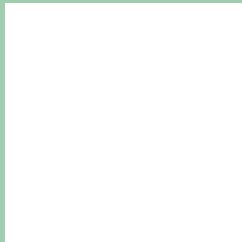
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4677, 0.2990, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 54.4677, 0.2990, 0.3717.



This preview shows how white text looks on a background with the Yxy color 54.4677, 0.2990, 0.3717.

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

54.4677, 0.2990, 0.3717

Protanopia

54.2481, 0.3410, 0.3609

Deuteranopia

53.8151, 0.3473, 0.3397



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.4677, 0.2990, 0.3717

Protanomaly

53.8552, 0.3246, 0.3646

Deuteranomaly

53.6282, 0.3281, 0.3501

Tritanomaly

54.2446, 0.2847, 0.3302

Monochromacy



Original Color

54.4677, 0.2990, 0.3717

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.7962, 0.3072, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4677, 0.2990, 0.3717 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(158, 206, 174)` looks like.

```
.text, #text, p{  
    color:rgb(158, 206, 174)  
}
```

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(158, 206, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 206, 174) }
```

Border

The CSS property to change the border of an element to Yxy 54.4677, 0.2990, 0.3717 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(158, 206, 174) }
```

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

```
.border{ border-color:rgb(158, 206, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 206, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 206, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 206, 174);  
box-shadow:4px 4px 4px 4px rgb(158, 206,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4677, 0.2990, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 206, 174) }
```

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

```
.background{ background-color: rgb(158,  
206, 174) }
```

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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