

Converting Colors

$Yxy(43.8486, 0.3088, 0.3544)$

Have a look what the booklet for
Yxy(43.8486, 0.3088, 0.3544)
contains.

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Color

Yxy(43.7133, 0.3090, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	A1B6A4
RGB	161, 182, 164
RGB Percent	63%, 71%, 64%
CMY	0.3687, 0.2862, 0.3569
CMYK	0.12, 0.00, 0.10, 0.29
HSL	129°, 13%, 67%
HSV	129°, 12%, 71%
XYZ	38.1242, 43.7133, 41.5418
YIQ	173.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

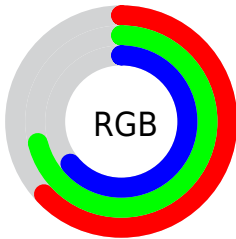
Format	Color
RYB	161, 179, 182
Decimal	10598052
CIELab	72.04, -10.72, 6.73
CIELCh	72, 12.661, 147.889
Yxy	43.7133, 0.3090, 0.3543
Android (android.graphics.Color)	4288788132 (0xFFA1B6A4)
YUV	173.6690, -4.7668, -11.1107
Hunter-Lab	66.1160, -12.7753, 9.0283

Details

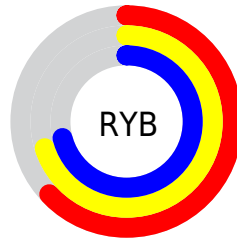
The Yxy color $43.7133, 0.3090, 0.3543$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $38.6886, 0.3167, 0.3049$, and the grayscale version is $42.1760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8625, 0.3098, 0.3495$, and $20.1216, 0.3077, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $41.4302, 0.3057, 0.3793$, and if you desaturate by 10%, it is $46.3446, 0.3122, 0.3322$.

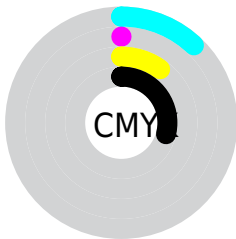
Distribution



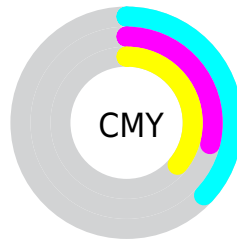
- Red (63%)
- Green (71%)
- Blue (64%)



- Red (63%)
- Yellow (70%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (37%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7133, 0.3090, 0.3543 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 43.7133, 0.3090, 0.3543 by changing the saturation by 10% instead.


 43.7133, 0.3090,
0.3543

 43.7133, 0.3090,
0.3543


361.5370, 0.3110,
0.3413

 30.4452, 0.3085,
0.3577


 80.7862, 0.3098,
0.3495

 20.1767, 0.3077,
0.3621


 105.3597, 0.3100,
0.3477

 12.5236, 0.3067,
0.3681


134.4705, 0.3103,
0.3462

 7.1013, 0.3052,
0.3767

168.5029, 0.3104,
0.3449

 3.5255, 0.3028,
0.3902

207.8414, 0.3106,
0.3438

 1.4119, 0.2980,
0.4143

252.8703, 0.3108,

 0.2254, 0.0000,

0.3429

1.0000

303.9741, 0.3109,
0.3420

0.0000, 0.0000,
0.0000

43.7133, 0.3090,
0.3543

43.7133, 0.3090,
0.3543

41.4302, 0.3057,
0.3793

46.3446, 0.3122,
0.3322

39.4753, 0.3025,
0.4070

49.3321, 0.3153,
0.3128

37.8352, 0.2996,
0.4370

52.6903, 0.3183,
0.2959

36.4933, 0.2971,
0.4684

56.4313, 0.3210,
0.2814

35.4316, 0.2953,
0.4998

60.5668, 0.3235,
0.2688

■ 34.6298, 0.2944,
0.5295

■ 61.9391, 0.3161,
0.2575

■ 34.0653, 0.2945,
0.5555

■ 33.7111, 0.2956,
0.5759

■ 33.5332, 0.2967,
0.5883

Harmonies

Analogous

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



43.7133, 0.3271, 0.3608



43.7133, 0.3090, 0.3543



43.7133, 0.2923, 0.3404

Triad

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



43.7133, 0.3090, 0.3543



43.7133, 0.2843, 0.3002



43.7133, 0.3453, 0.3330

Complementary

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



43.7133, 0.3090, 0.3543



38.6886, 0.3167, 0.3049

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.



43.7133, 0.3332, 0.3177



43.7133, 0.3090, 0.3543



43.7133, 0.2978, 0.2991

Square

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



43.7133, 0.3090, 0.3543



43.7133, 0.2783, 0.3089



43.7133, 0.3157, 0.3055



43.7133, 0.3484, 0.3477

Rectangle

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



43.7133, 0.3090, 0.3543



43.7133, 0.2840, 0.3292



43.7133, 0.3157, 0.3055



43.7133, 0.3421, 0.3277

Sweetspot

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



43.7152, 0.3090, 0.3543



83.2564, 0.3117, 0.3353



45.6403, 0.3272, 0.3572



18.3004, 0.3115, 0.3370



93.3107, 0.3127, 0.3290



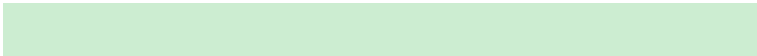
18.7317, 0.3127, 0.3290

Same Dimension

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



43.7152, 0.3090, 0.3543



78.0728, 0.3081, 0.3607



44.1032, 0.3011, 0.3396



10.0804, 0.3097, 0.3492



23.6847, 0.2964, 0.5870



0.8416, 0.2857, 0.5487

Inverse Universe

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



38.6886, 0.3167, 0.3049



67.0422, 0.3177, 0.2992



38.2865, 0.3260, 0.3186



9.1402, 0.3159, 0.3096



8.7279, 0.3599, 0.1756



0.3138, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 43.7133, 0.3090, 0.3543 looks on a white background.

Color Contrast Check

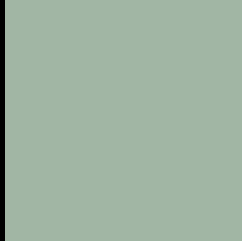
Large Text (above 18pt) WCAG AA × Fail

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 43.7133, 0.3090, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

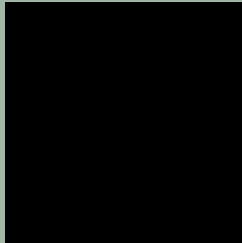
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

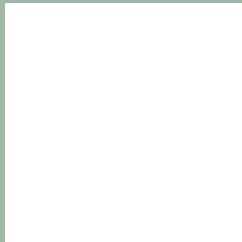
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7133, 0.3090, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 43.7133, 0.3090, 0.3543.



This preview shows how white text looks on a background with the Yxy color 43.7133, 0.3090, 0.3543.

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

43.7133, 0.3090, 0.3543

Protanopia

43.6912, 0.3315, 0.3491

Deuteranopia

43.3729, 0.3412, 0.3342



Tritanopia

43.7536, 0.2918, 0.3102

Trichromacy



Original Color

43.7133, 0.3090, 0.3543

Protanomaly

43.5634, 0.3231, 0.3509

Deuteranomaly

43.1791, 0.3293, 0.3410

Tritanomaly

43.5101, 0.2977, 0.3249

Monochromacy



Original Color

43.7133, 0.3090, 0.3543

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7816, 0.3114, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7133, 0.3090, 0.3543 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, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 182, 164)  
}
```

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, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 182, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.7133, 0.3090, 0.3543 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, 182, 164) }
```

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

```
.border{ border-color:rgb(161, 182, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 182, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 182, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 182,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7133, 0.3090, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 182, 164) }
```

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

```
.background{ background-color: rgb(161,  
182, 164) }
```

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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