

Converting Colors

$Yxy(45.1900, 0.3019, 0.3887)$

Have a look what the booklet for
Yxy(45.1900, 0.3019, 0.3887)
contains.

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Color

Yxy(45.0714, 0.3014, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	8CBF97
RGB	140, 191, 151
RGB Percent	55%, 75%, 59%
CMY	0.4510, 0.2510, 0.4079
CMYK	0.27, 0.00, 0.21, 0.25
HSL	133°, 28%, 65%
HSV	133°, 27%, 75%
XYZ	35.0297, 45.0714, 36.1222
YIQ	171.1910, -17.5560, -23.2520

Conversions

Conversions Part 2

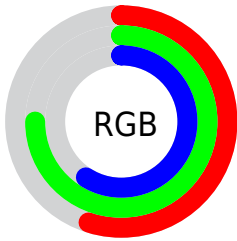
Format	Color
RYB	140, 182, 191
Decimal	9224087
CIELab	72.94, -24.87, 14.89
CIELCh	73, 28.990, 149.094
Yxy	45.0714, 0.3014, 0.3878
Android (android.graphics.Color)	4287414167 (0xFF8CBF97)
YUV	171.1910, -9.9542, -27.3545
Hunter-Lab	67.1352, -24.3492, 15.0936

Details

The Yxy color **45.0714, 0.3014, 0.3878** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.1281, 0.3265, 0.2766**, and the grayscale version is **40.8828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1447, 0.3043, 0.3771**, and **20.8861, 0.2969, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **43.0992, 0.2975, 0.4143**, and if you desaturate by 10%, it is **47.3973, 0.3056, 0.3637**.

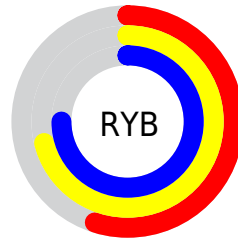
Distribution



Red (55%)

Green (75%)

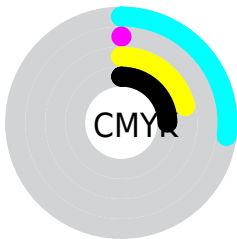
Blue (59%)



Red (55%)

Yellow (71%)

Blue (75%)

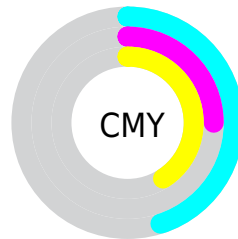


Cyan (27%)

Magenta (0%)

Yellow (21%)

Black (25%)



Cyan (45%)


Magenta (25%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0714, 0.3014, 0.3878 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 45.0714, 0.3014, 0.3878 by changing the saturation by 10% instead.


 45.0714, 0.3014,
0.3878

 45.0714, 0.3014,
0.3878


367.0627, 0.3076,
0.3571


 31.5137, 0.2996,
0.3959


 82.8275, 0.3038,
0.3763

 20.9903, 0.2972,
0.4065


 107.7947, 0.3047,
0.3721

 13.1169, 0.2938,
0.4211


 137.3339, 0.3054,
0.3686

 7.5091, 0.2886,
0.4424

171.8294, 0.3060,
0.3656

 3.7825, 0.2796,
0.4761

211.6656, 0.3065,
0.3631

 1.5526, 0.2669,
0.5495

257.2270, 0.3069,

 0.3254, 0.0000,

0.3608

1.0000

308.8979, 0.3073,
0.3589

0.0000, 0.0000,
0.0000

45.0714, 0.3014,
0.3878

45.0714, 0.3014,
0.3878

43.0992, 0.2975,
0.4143

47.3973, 0.3056,
0.3637

41.4579, 0.2941,
0.4427

50.0871, 0.3099,
0.3421

40.1306, 0.2915,
0.4722


53.1579, 0.3141,
0.3230

39.0968, 0.2900,
0.5015


56.6238, 0.3182,
0.3063

38.3334, 0.2898,
0.5290


60.4982, 0.3221,
0.2918

 37.8138, 0.2909,
0.5530

 64.7938, 0.3257,
0.2792

 37.5030, 0.2931,
0.5723

 65.7446, 0.3157,
0.2663

 37.4256, 0.2938,
0.5776

Harmonies

Analogous

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



45.0714, 0.3421, 0.4028



45.0714, 0.3014, 0.3878



45.0714, 0.2653, 0.3534

Triad

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



45.0714, 0.3014, 0.3878



45.0714, 0.2507, 0.2647



45.0714, 0.3882, 0.3370

Complementary

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



45.0714, 0.3014, 0.3878



33.1281, 0.3265, 0.2766

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.



45.0714, 0.3604, 0.3047



45.0714, 0.3014, 0.3878



45.0714, 0.2801, 0.2644

Square

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



45.0714, 0.3014, 0.3878



45.0714, 0.2375, 0.2814



45.0714, 0.3201, 0.2789



45.0714, 0.3938, 0.3696

Rectangle

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



45.0714, 0.3014, 0.3878



45.0714, 0.2483, 0.3263



45.0714, 0.3201, 0.2789



45.0714, 0.3811, 0.3259

Sweetspot

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



45.0733, 0.3014, 0.3878



88.9744, 0.3093, 0.3450



48.9580, 0.3435, 0.3969



19.3704, 0.3086, 0.3481



97.7402, 0.3127, 0.3290



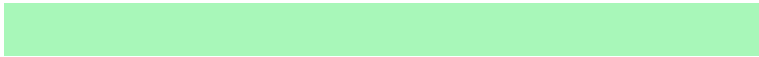
20.4902, 0.3127, 0.3290

Same Dimension

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



45.0733, 0.3014, 0.3878



78.5954, 0.2991, 0.4029



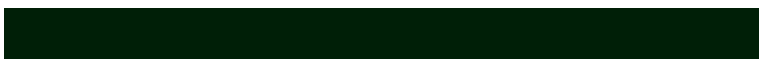
45.9624, 0.2843, 0.3507



10.6824, 0.3087, 0.3475



24.6036, 0.2932, 0.5756



0.9736, 0.2804, 0.5294

Inverse Universe

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



33.1281, 0.3265, 0.2766



53.6466, 0.3302, 0.2650



32.2085, 0.3524, 0.3084



9.6601, 0.3170, 0.3112



8.7359, 0.3833, 0.1885



0.3511, 0.3656, 0.1788

Previews

White Background



This preview shows how the Yxy color 45.0714, 0.3014, 0.3878 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 45.0714, 0.3014, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

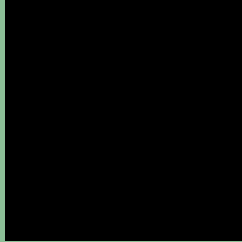
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0714, 0.3014, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 45.0714, 0.3014, 0.3878.

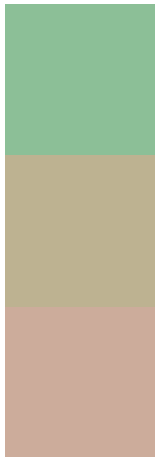


This preview shows how white text looks on a background with the Yxy color 45.0714, 0.3014, 0.3878.

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

45.0714, 0.3014, 0.3878

Protanopia

44.7039, 0.3504, 0.3728

Deuteranopia

44.7090, 0.3574, 0.3506



Tritanopia

44.7941, 0.2744, 0.3085

Trichromacy



Original Color

45.0714, 0.3014, 0.3878

Protanomaly

44.6315, 0.3311, 0.3789

Deuteranomaly

44.3971, 0.3351, 0.3628

Tritanomaly

45.0290, 0.2840, 0.3359

Monochromacy



Original Color

45.0714, 0.3014, 0.3878

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.9947, 0.3083, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0714, 0.3014, 0.3878 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(140, 191, 151)` looks like.

```
.text, #text, p{  
    color:rgb(140, 191, 151)  
}
```

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(140, 191, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 191, 151) }
```

Border

The CSS property to change the border of an element to Yxy 45.0714, 0.3014, 0.3878 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(140, 191, 151) }
```

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

```
.border{ border-color:rgb(140, 191, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 191, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 191, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 191, 151);  
box-shadow:4px 4px 4px 4px rgb(140, 191,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0714, 0.3014, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 191, 151) }
```

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

```
.background{ background-color: rgb(140,  
191, 151) }
```

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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