

Converting Colors

$Yxy(43.5191, 0.2841, 0.4121)$

Have a look what the booklet for
Yxy(43.5191, 0.2841, 0.4121)
contains.

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Color

Yxy(43.5708, 0.2844, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	6AC28D
RGB	106, 194, 141
RGB Percent	42%, 76%, 55%
CMY	0.5842, 0.2392, 0.4470
CMYK	0.45, 0.00, 0.27, 0.24
HSL	144°, 42%, 59%
HSV	144°, 45%, 76%
XYZ	30.0474, 43.5708, 32.0336
YIQ	161.6460, -35.4350, -35.1390

Conversions

Conversions Part 2

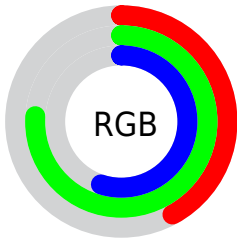
Format	Color
RYB	106, 169, 194
Decimal	6996621
CIELab	71.94, -38.44, 18.60
CIELCh	72, 42.708, 154.177
Yxy	43.5708, 0.2844, 0.4124
Android (android.graphics.Color)	4285186701 (0xFF6AC28D)
YUV	161.6460, -10.1785, -48.8015
Hunter-Lab	66.0082, -34.2599, 17.4324

Details

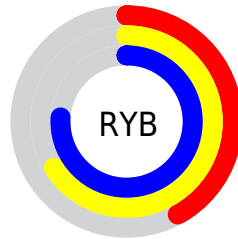
The Yxy color **43.5708, 0.2844, 0.4124** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.2875, 0.3594, 0.2593**, and the grayscale version is **36.0230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5116, 0.2900, 0.3954**, and **20.1896, 0.2741, 0.4398** is the 20% darker color. If you saturate the color by 10%, you get **42.1853, 0.2803, 0.4351**, and if you desaturate by 10%, it is **45.2655, 0.2897, 0.3910**.

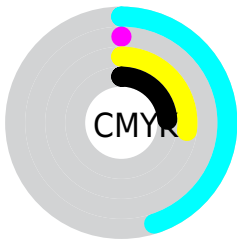
Distribution



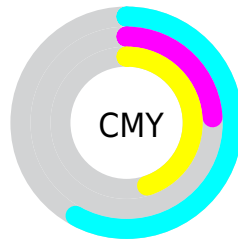
- Red (42%)
- Green (76%)
- Blue (55%)



- Red (42%)
- Yellow (66%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5708, 0.2844, 0.4124 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 43.5708, 0.2844, 0.4124 by changing the saturation by 10% instead.


 43.5708, 0.2844,
0.4124


 43.5708, 0.2844,
0.4124


360.9539, 0.2998,
0.3680


 30.3332, 0.2801,
0.4244


 80.5715, 0.2903,
0.3956


 20.0917, 0.2744,
0.4403


 105.1034, 0.2924,
0.3895

 12.4617, 0.2662,
0.4624


 134.1690, 0.2942,
0.3844

 7.0589, 0.2538,
0.4952

 168.1524, 0.2957,
0.3801

 3.4990, 0.2332,
0.5481

207.4383, 0.2969,
0.3765

 1.3975, 0.1715,
0.7537

252.4109, 0.2980,

 0.2148, 0.0000,

0.3733

1.0000

303.4546, 0.2990,
0.3705

■ 0.0000, 0.0000,
0.0000

■ 43.5708, 0.2844,
0.4124

■ 43.5708, 0.2844,
0.4124

■ 42.1853, 0.2803,
0.4351

■ 45.2655, 0.2897,
0.3910

■ 41.0840, 0.2776,
0.4585

■ 47.2816, 0.2957,
0.3711

■ 40.2470, 0.2766,
0.4818


■ 49.6374, 0.3023,
0.3531


■ 39.6490, 0.2775,
0.5043

■ 52.3480, 0.3091,
0.3369


■ 39.2594, 0.2801,
0.5249


■ 55.4276, 0.3159,
0.3225

 39.1208, 0.2816,
0.5339

 58.8898, 0.3227,
0.3099

 62.7474, 0.3292,
0.2987

 65.8113, 0.3306,
0.2884

 66.5070, 0.3219,
0.2773

Harmonies

Analogous

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



43.5708, 0.3438, 0.4401



43.5708, 0.2844, 0.4124



43.5708, 0.2356, 0.3544

Triad

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



43.5708, 0.2844, 0.4124



43.5708, 0.2285, 0.2346



43.5708, 0.4295, 0.3459

Complementary

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



43.5708, 0.2844, 0.4124



24.2875, 0.3594, 0.2593

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.



43.5708, 0.3927, 0.3002



43.5708, 0.2844, 0.4124



43.5708, 0.2731, 0.2390

Square

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



43.5708, 0.2844, 0.4124



43.5708, 0.2063, 0.2524



43.5708, 0.3333, 0.2624



43.5708, 0.4303, 0.3921

Rectangle

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



43.5708, 0.2844, 0.4124



43.5708, 0.2147, 0.3128



43.5708, 0.3333, 0.2624



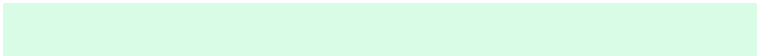
43.5708, 0.4209, 0.3302

Sweetspot

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



43.5726, 0.2844, 0.4124



90.4508, 0.3030, 0.3512



47.1262, 0.3491, 0.4514



19.5868, 0.3015, 0.3549



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.



43.5726, 0.2844, 0.4124



76.5411, 0.2804, 0.4340



45.0984, 0.2583, 0.3440



11.3237, 0.3063, 0.3432



25.7366, 0.2810, 0.5314



1.1256, 0.2682, 0.4854

Inverse Universe

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



24.2875, 0.3594, 0.2593



37.3873, 0.3737, 0.2460



23.0519, 0.4184, 0.3154



10.1775, 0.3197, 0.3152



8.3992, 0.4514, 0.2260



0.3762, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 43.5708, 0.2844, 0.4124 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 43.5708, 0.2844, 0.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

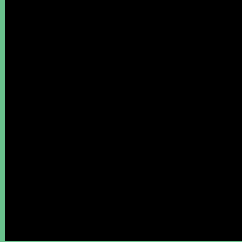
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5708, 0.2844, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 43.5708, 0.2844, 0.4124.



This preview shows how white text looks on a background with the Yxy color 43.5708, 0.2844, 0.4124.

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

43.5708, 0.2844, 0.4124

Protanopia

43.0173, 0.3616, 0.3866

Deuteranopia

43.0391, 0.3637, 0.3573



Tritanopia

43.3998, 0.2550, 0.3075

Trichromacy



Original Color

43.5708, 0.2844, 0.4124



Protanomaly

42.4743, 0.3292, 0.3972



Deuteranomaly

42.1006, 0.3300, 0.3758



Tritanomaly

43.3629, 0.2658, 0.3437

Monochromacy



Original Color

43.5708, 0.2844, 0.4124



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

38.3560, 0.3009, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5708, 0.2844, 0.4124 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(106, 194, 141)` looks like.

```
.text, #text, p{  
    color:rgb(106, 194, 141)  
}
```

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(106, 194, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 194, 141) }
```

Border

The CSS property to change the border of an element to Yxy 43.5708, 0.2844, 0.4124 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(106, 194, 141) }
```

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

```
.border{ border-color:rgb(106, 194, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 194, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 194, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 194, 141);  
box-shadow:4px 4px 4px 4px rgb(106, 194,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5708, 0.2844, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 194, 141) }
```

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

```
.background{ background-color: rgb(106,  
194, 141) }
```

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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