

Converting Colors

$Yxy(44.2303, 0.2697, 0.3682)$

Have a look what the booklet for
Yxy(44.2303, 0.2697, 0.3682)
contains.

| | |
|--|----|
| Yxy(44.1812, 0.2698, 0.3684) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(44.1812, 0.2698, 0.3684)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6DC1A7 |
| RGB | 109, 193, 167 |
| RGB Percent | 43%, 76%, 65% |
| CMY | 0.5724, 0.2431, 0.3450 |
| CMYK | 0.44, 0.00, 0.13, 0.24 |
| HSL | 161°, 40%, 59% |
| HSV | 161°, 44%, 76% |
| XYZ | 32.3564, 44.1812, 43.3897 |
| YIQ | 164.9200, -41.7180, -25.8940 |

Conversions

Conversions Part 2

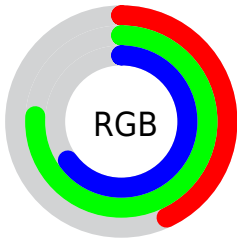
| Format | Color |
|-------------------------------------|--|
| RYB | 109, 159, 193 |
| Decimal | 7192999 |
| CIELab | 72.35, -31.69, 5.15 |
| CIELCh | 72, 32.110, 170.771 |
| Yxy | 44.1812, 0.2698, 0.3684 |
| Android (android.graphics.Color) | 4285383079 (0xFF6DC1A7) |
| YUV | 164.9200, 1.0254, -49.0418 |
| Hunter-Lab | 66.4689, -29.4287, 7.8249 |

Details

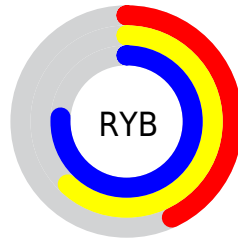
The Yxy color **44.1812, 0.2698, 0.3684** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.0327, 0.3894, 0.2939**, and the grayscale version is **37.6021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5377, 0.2776, 0.3612**, and **20.4599, 0.2569, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **42.8740, 0.2628, 0.3793**, and if you desaturate by 10%, it is **45.7709, 0.2782, 0.3581**.

Distribution



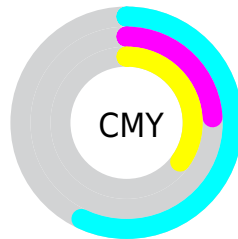
- Red (43%)
- Green (76%)
- Blue (65%)



- Red (43%)
- Yellow (62%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (57%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1812, 0.2698, 0.3684 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 44.1812, 0.2698, 0.3684 by changing the saturation by 10% instead.


 44.1812, 0.2698,
0.3684


 44.1812, 0.2698,
0.3684

363.4472, 0.2916,
0.3481

 30.8130, 0.2643,
0.3737


 81.4903, 0.2778,
0.3609


 20.4565, 0.2571,
0.3806


 106.2000, 0.2808,
0.3581

 12.7273, 0.2474,
0.3899


 135.4590, 0.2833,
0.3558

 7.2410, 0.2338,
0.4034

 169.6517, 0.2854,
0.3538

 3.6133, 0.2131,
0.4245

209.1625, 0.2873,
0.3521

 1.4597, 0.1683,
0.4673

254.3757, 0.2889,

 0.2601, 0.0000,

0.3506

1.0000

305.6758, 0.2903,
0.3493

0.0000, 0.0000,
0.0000

44.1812, 0.2698,
0.3684

44.1812, 0.2698,
0.3684

42.8740, 0.2628,
0.3793

45.7709, 0.2782,
0.3581

41.8261, 0.2574,
0.3908

47.6540, 0.2877,
0.3485

41.0192, 0.2539,
0.4024

49.8474, 0.2980,
0.3396

40.4302, 0.2523,
0.4142


52.3650, 0.3089,
0.3316

40.0313, 0.2527,
0.4259

55.2200, 0.3199,
0.3244

 39.8397, 0.2537,
0.4334

 58.4247, 0.3311,
0.3180

 61.9909, 0.3421,
0.3123

 64.2942, 0.3462,
0.3068

 64.6065, 0.3414,
0.3008

Harmonies

Analogous

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



44.1812, 0.3123, 0.4024



44.1812, 0.2698, 0.3684



44.1812, 0.2401, 0.3231

Triad

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



44.1812, 0.2698, 0.3684



44.1812, 0.2658, 0.2560



44.1812, 0.4041, 0.3638

Complementary

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



44.1812, 0.2698, 0.3684



24.0327, 0.3894, 0.2939

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.



44.1812, 0.3905, 0.3272



44.1812, 0.2698, 0.3684



44.1812, 0.3077, 0.2678

Square

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



44.1812, 0.2698, 0.3684



44.1812, 0.2381, 0.2610



44.1812, 0.3542, 0.2932



44.1812, 0.3911, 0.3952

Rectangle

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



44.1812, 0.2698, 0.3684



44.1812, 0.2305, 0.2956



44.1812, 0.3542, 0.2932



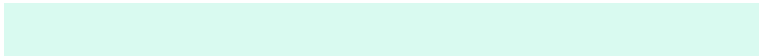
44.1812, 0.4026, 0.3518

Sweetspot

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



44.1830, 0.2698, 0.3684



89.4064, 0.2984, 0.3394



44.4465, 0.3266, 0.4547



18.9815, 0.2960, 0.3413



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.



44.1830, 0.2698, 0.3684



76.9364, 0.2632, 0.3786



38.7876, 0.2506, 0.3058



11.3737, 0.3025, 0.3362



26.5139, 0.2533, 0.4319



1.1575, 0.2461, 0.4061

Inverse Universe

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



24.0327, 0.3894, 0.2939



36.2707, 0.4154, 0.2872



26.9659, 0.4159, 0.3503



10.1281, 0.3241, 0.3219



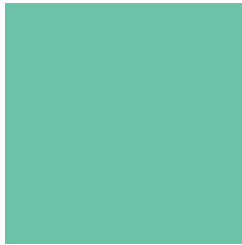
7.7685, 0.5703, 0.2915



0.3483, 0.5053, 0.2557

Previews

White Background



This preview shows how the Yxy color 44.1812, 0.2698, 0.3684 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 44.1812, 0.2698, 0.3684 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 44.1812, 0.2698, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 44.1812, 0.2698, 0.3684.



This preview shows how white text looks on a background with the Yxy color 44.1812, 0.2698, 0.3684.

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

44.1812, 0.2698, 0.3684

Protanopia

43.7096, 0.3350, 0.3531

Deuteranopia

43.7065, 0.3338, 0.3278



Tritanopia

44.2002, 0.2531, 0.3076

Trichromacy



Original Color

44.1812, 0.2698, 0.3684

Protanomaly

43.1972, 0.3079, 0.3589

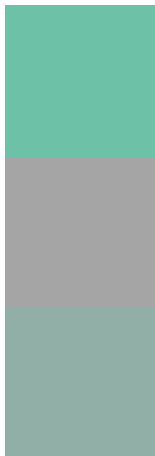
Deuteranomaly

43.0350, 0.3070, 0.3415

Tritanomaly

44.1895, 0.2588, 0.3288

Monochromacy



Original Color

44.1812, 0.2698, 0.3684

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.4329, 0.2941, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1812, 0.2698, 0.3684 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(109, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(109, 193, 167)  
}
```

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(109, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 193, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.1812, 0.2698, 0.3684 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(109, 193, 167) }
```

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

```
.border{ border-color:rgb(109, 193, 167) }
```

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

Here you see how a box with a 4 pixel rgb(109, 193, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(109, 193,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1812, 0.2698, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 193, 167) }
```

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

```
.background{ background-color: rgb(109,  
193, 167) }
```

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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