

Converting Colors

$Yxy(44.1698, 0.2597, 0.3433)$

Have a look what the booklet for
Yxy(44.1698, 0.2597, 0.3433)
contains.

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Color

Yxy(44.2648, 0.2600, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	6CC0B6
RGB	108, 192, 182
RGB Percent	42%, 75%, 71%
CMY	0.5762, 0.2471, 0.2862
CMYK	0.44, 0.00, 0.05, 0.25
HSL	173°, 40%, 59%
HSV	173°, 44%, 75%
XYZ	33.4852, 44.2648, 51.0391
YIQ	165.7440, -46.8540, -20.9180

Conversions

Conversions Part 2

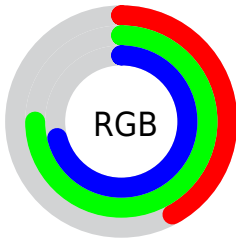
Format	Color
R _Y B	108, 153, 192
Decimal	7127222
CIE Lab	72.41, -27.92, -2.94
CIE LCh	72, 28.075, 186.009
Yxy	44.2648, 0.2600, 0.3437
Android (android.graphics.Color)	4285317302 (0xFF6CC0B6)
YUV	165.7440, 8.0142, -50.6415
Hunter-Lab	66.5318, -26.5924, 1.0886

Details

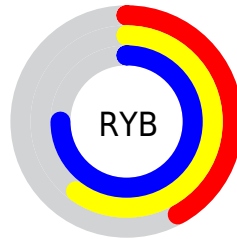
The Yxy color **44.2648, 0.2600, 0.3437** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.2572, 0.4123, 0.3156**, and the grayscale version is **37.9906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8169, 0.2696, 0.3413**, and **20.4657, 0.2450, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **43.0976, 0.2514, 0.3476**, and if you desaturate by 10%, it is **45.7021, 0.2702, 0.3399**.

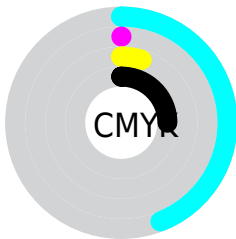
Distribution



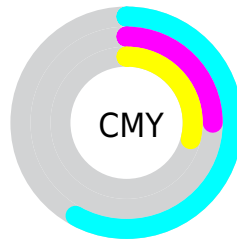
- Red (42%)
- Green (75%)
- Blue (71%)



- Red (42%)
- Yellow (60%)
- Blue (75%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)





- Cyan (58%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2648, 0.2600, 0.3437 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 44.2648, 0.2600, 0.3437 by changing the saturation by 10% instead.


 44.2648, 0.2600,
0.3437

 44.2648, 0.2600,
0.3437

363.7878, 0.2863,
0.3366


 30.8787, 0.2535,
0.3454


 81.6161, 0.2695,
0.3412

 20.5065, 0.2451,
0.3475


 106.3500, 0.2731,
0.3402

 12.7638, 0.2340,
0.3503


 135.6354, 0.2762,
0.3394

 7.2661, 0.2186,
0.3539

 169.8567, 0.2788,
0.3387

 3.6291, 0.1960,
0.3589

209.3981, 0.2810,
0.3380

 1.4683, 0.1561,
0.3674

254.6442, 0.2830,

 0.2663, 0.0000,

0.3375

0.3496

305.9793, 0.2848,
0.3370

0.0000, 0.0000,
0.0000

44.2648, 0.2600,
0.3437

44.2648, 0.2600,
0.3437

43.0976, 0.2514,
0.3476

45.7021, 0.2702,
0.3399

42.1778, 0.2446,
0.3517

47.4204, 0.2817,
0.3364

41.4873, 0.2396,
0.3558


49.4360, 0.2943,
0.3331


41.0035, 0.2366,
0.3599

51.7626, 0.3076,
0.3301

40.6989, 0.2353,
0.3640


54.4133, 0.3215,
0.3273

 40.5658, 0.2352,
0.3666

 57.3999, 0.3356,
0.3248

 60.7341, 0.3497,
0.3227

 63.1388, 0.3582,
0.3206

 63.2466, 0.3563,
0.3182

Harmonies

Analogous

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



44.2648, 0.2929, 0.3798



44.2648, 0.2600, 0.3437



44.2648, 0.2415, 0.3056

Triad

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



44.2648, 0.2600, 0.3437



44.2648, 0.2893, 0.2680



44.2648, 0.3897, 0.3752

Complementary

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



44.2648, 0.2600, 0.3437



23.2572, 0.4123, 0.3156

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.



44.2648, 0.3895, 0.3445



44.2648, 0.2600, 0.3437



44.2648, 0.3294, 0.2851

Square

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



44.2648, 0.2600, 0.3437



44.2648, 0.2576, 0.2648



44.2648, 0.3670, 0.3123



44.2648, 0.3682, 0.3965

Rectangle

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



44.2648, 0.2600, 0.3437



44.2648, 0.2390, 0.2853



44.2648, 0.3670, 0.3123



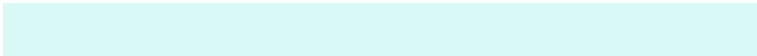
44.2648, 0.3922, 0.3656

Sweetspot

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



44.2665, 0.2600, 0.3437



89.7801, 0.2949, 0.3329



42.7210, 0.3146, 0.4601



19.0746, 0.2920, 0.3336



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.



44.2665, 0.2600, 0.3437



78.2646, 0.2521, 0.3473



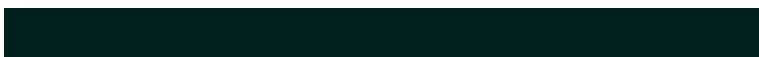
32.5669, 0.2462, 0.2815



11.4072, 0.3000, 0.3317



27.3067, 0.2350, 0.3661



1.1858, 0.2325, 0.3569

Inverse Universe

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



23.2572, 0.4123, 0.3156



35.4878, 0.4459, 0.3134



30.7112, 0.4068, 0.3712



10.0970, 0.3271, 0.3263



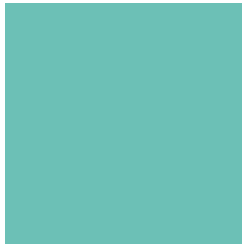
7.5882, 0.6237, 0.3210



0.3345, 0.5777, 0.2956

Previews

White Background



This preview shows how the Yxy color 44.2648, 0.2600, 0.3437 looks on a white background.

Color Contrast Check

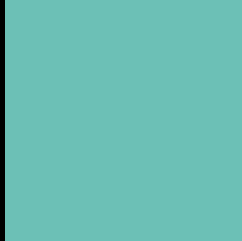
Large Text (above 18pt) WCAG AA × Fail

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 44.2648, 0.2600, 0.3437 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

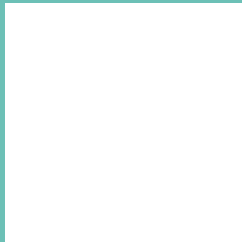
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2648, 0.2600, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 44.2648, 0.2600, 0.3437.

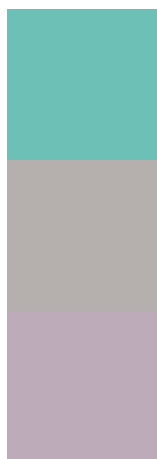


This preview shows how white text looks on a background with the Yxy color 44.2648, 0.2600, 0.3437.

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

44.2648, 0.2600, 0.3437

Protanopia

43.8916, 0.3196, 0.3330

Deuteranopia

43.4898, 0.3163, 0.3097



Tritanopia

44.3322, 0.2500, 0.3075

Trichromacy



Original Color

44.2648, 0.2600, 0.3437

Protanomaly

43.4605, 0.2941, 0.3374

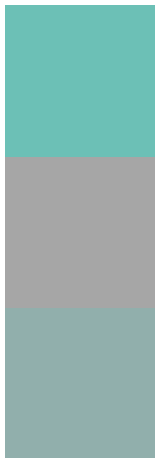
Deuteranomaly

43.2166, 0.2922, 0.3207

Tritanomaly

44.2572, 0.2536, 0.3202

Monochromacy



Original Color

44.2648, 0.2600, 0.3437

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.6582, 0.2896, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2648, 0.2600, 0.3437 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(108, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(108, 192, 182)  
}
```

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(108, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 192, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.2648, 0.2600, 0.3437 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(108, 192, 182) }
```

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

```
.border{ border-color:rgb(108, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(108, 192,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2648, 0.2600, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 192, 182) }
```

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

```
.background{ background-color: rgb(108,  
192, 182) }
```

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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