

Converting Colors

$Y_{xy}(44.1374, 0.2408, 0.3620)$

Have a look what the booklet for
Yxy(44.1374, 0.2408, 0.3620)
contains.

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Color

Yxy(44.2406, 0.2408, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	32C6B1
RGB	50, 198, 177
RGB Percent	20%, 78%, 69%
CMY	0.8041, 0.2235, 0.3058
CMYK	0.75, 0.00, 0.11, 0.22
HSL	171°, 60%, 49%
HSV	171°, 75%, 78%
XYZ	29.4448, 44.2406, 48.5937
YIQ	151.3540, -81.4670, -37.9070

Conversions

Conversions Part 2

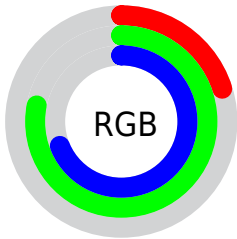
Format	Color
RYB	50, 130, 198
Decimal	3327665
CIELab	72.39, -42.67, -0.45
CIELCh	72, 42.670, 180.598
Yxy	44.2406, 0.2408, 0.3618
Android (android.graphics.Color)	4281517745 (0xFF32C6B1)
YUV	151.3540, 12.6435, -88.8875
Hunter-Lab	66.5136, -37.3789, 3.2432

Details

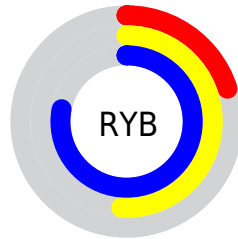
The Yxy color **44.2406, 0.2408, 0.3618** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **14.7372, 0.5354, 0.3087**, and the grayscale version is **31.0729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3251, 0.2535, 0.3549**, and **21.1256, 0.2355, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **43.7330, 0.2382, 0.3668**, and if you desaturate by 10%, it is **44.9713, 0.2454, 0.3568**.

Distribution



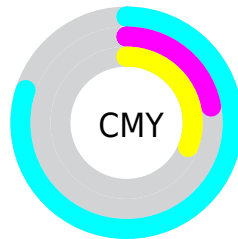
- Red (20%)
- Green (78%)
- Blue (69%)



- Red (20%)
- Yellow (51%)
- Blue (78%)



- Cyan (75%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (80%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2406, 0.2408, 0.3618 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 44.2406, 0.2408, 0.3618 by changing the saturation by 10% instead.

 44.2406, 0.2408,
0.3618


 44.2406, 0.2408,
0.3618


363.6892, 0.2767,
0.3455

 30.8597, 0.2319,
0.3658


 81.5797, 0.2538,
0.3559

 20.4920, 0.2206,
0.3709


 106.3066, 0.2587,
0.3537


 12.7532, 0.2056,
0.3777

 135.5844, 0.2628,
0.3518

 7.2588, 0.1851,
0.3869

 169.7974, 0.2664,
0.3502

 3.6245, 0.1554,
0.4001

 209.3299, 0.2695,
0.3488

 1.4658, 0.0778,
0.4352

254.5665, 0.2722,

 0.2645, 0.0000,

0.3475

0.4532

305.8915, 0.2746,
0.3465

■ 0.0000, 0.0000,
0.0000

■ 44.2406, 0.2408,
0.3618

■ 44.2406, 0.2408,
0.3618

■ 43.7330, 0.2382,
0.3668

■ 44.9713, 0.2454,
0.3568

■ 43.4130, 0.2373,
0.3717

■ 45.9451, 0.2518,
0.3519

■ 43.2905, 0.2373,
0.3743

■ 47.1851, 0.2601,
0.3471

■ 48.7106, 0.2699,
0.3426

■ 50.5391, 0.2811,
0.3383

■ 52.6864, 0.2933,
0.3343

■ 55.1676, 0.3063,
0.3306

■ 57.9966, 0.3198,
0.3273

■ 61.1865, 0.3336,
0.3243

Harmonies

Analogous

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



44.2406, 0.2914, 0.4171



44.2406, 0.2408, 0.3618



44.2406, 0.2109, 0.3007

Triad

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



44.2406, 0.2408, 0.3618



44.2406, 0.2670, 0.2379



44.2406, 0.4315, 0.3866

Complementary

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



44.2406, 0.2408, 0.3618



14.7372, 0.5354, 0.3087

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.



44.2406, 0.4262, 0.3402



44.2406, 0.2408, 0.3618



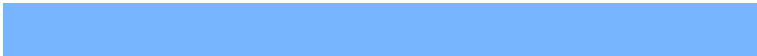
44.2406, 0.3256, 0.2591

Square

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



44.2406, 0.2408, 0.3618



44.2406, 0.2251, 0.2360



44.2406, 0.3859, 0.2953



44.2406, 0.4024, 0.4249

Rectangle

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



44.2406, 0.2408, 0.3618



44.2406, 0.2047, 0.2687



44.2406, 0.3859, 0.2953



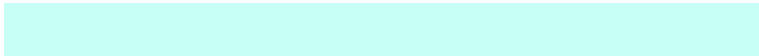
44.2406, 0.4339, 0.3715

Sweetspot

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



44.2423, 0.2408, 0.3618



90.3669, 0.2840, 0.3373



42.0038, 0.3113, 0.5575



19.1316, 0.2807, 0.3384



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.



44.2423, 0.2408, 0.3618



77.0326, 0.2374, 0.3701



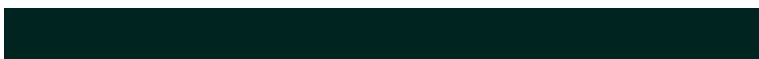
25.3690, 0.2090, 0.2431



12.0407, 0.3002, 0.3323



28.1611, 0.2371, 0.3737



1.3407, 0.2343, 0.3633

Inverse Universe

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



14.7372, 0.5354, 0.3087



22.2826, 0.5990, 0.3151



21.6934, 0.5108, 0.3875



10.6610, 0.3268, 0.3258



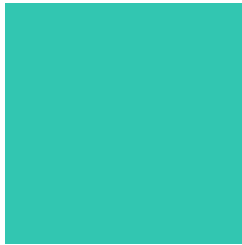
7.8700, 0.6195, 0.3186



0.3808, 0.5707, 0.2918

Previews

White Background



This preview shows how the Yxy color 44.2406, 0.2408, 0.3618 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 44.2406, 0.2408, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

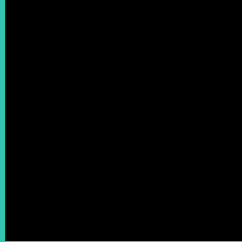
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

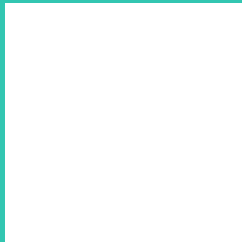
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2406, 0.2408, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 44.2406, 0.2408, 0.3618.

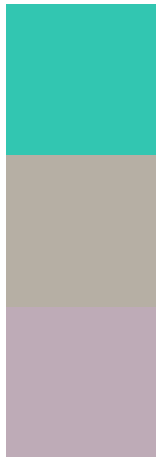


This preview shows how white text looks on a background with the Yxy color 44.2406, 0.2408, 0.3618.

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

44.2406, 0.2408, 0.3618

Protanopia

43.2854, 0.3282, 0.3438

Deuteranopia

43.4919, 0.3197, 0.3136



Tritanopia

44.0086, 0.2292, 0.3054

Trichromacy



Original Color

44.2406, 0.2408, 0.3618



Protanomaly

41.7999, 0.2838, 0.3497



Deuteranomaly

41.8729, 0.2789, 0.3289



Tritanomaly

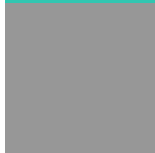
44.0856, 0.2333, 0.3258

Monochromacy



Original Color

44.2406, 0.2408, 0.3618



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

34.1207, 0.2734, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2406, 0.2408, 0.3618 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(50, 198, 177)` looks like.

```
.text, #text, p{  
  color:rgb(50, 198, 177)  
}
```

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(50, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 198, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.2406, 0.2408, 0.3618 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(50, 198, 177) }
```

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

```
.border{ border-color:rgb(50, 198, 177) }
```

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

Here you see how a box with a 4 pixel rgb(50, 198, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(50, 198,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2406, 0.2408, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 198, 177) }
```

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

```
.background{ background-color: rgb(50, 198,  
177) }
```

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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