

Converting Colors

$Yxy(43.3987, 0.2623, 0.3622)$

Have a look what the booklet for
Yxy(43.3987, 0.2623, 0.3622)
contains.

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Color

Yxy(43.3109, 0.2626, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	64C0AA
RGB	100, 192, 170
RGB Percent	39%, 75%, 67%
CMY	0.6080, 0.2470, 0.3333
CMYK	0.48, 0.00, 0.11, 0.25
HSL	166°, 42%, 57%
HSV	166°, 48%, 75%
XYZ	31.3577, 43.3109, 44.7438
YIQ	161.9840, -47.7700, -26.3460

Conversions

Conversions Part 2

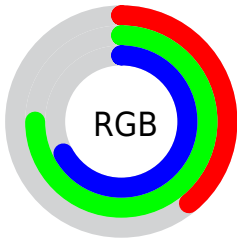
Format	Color
RYB	100, 152, 192
Decimal	6602922
CIELab	71.77, -32.81, 2.63
CIELCh	72, 32.912, 175.421
Yxy	43.3109, 0.2626, 0.3627
Android (android.graphics.Color)	4284793002 (0xFF64C0AA)
YUV	161.9840, 3.9519, -54.3600
Hunter-Lab	65.8110, -30.1174, 5.7574

Details

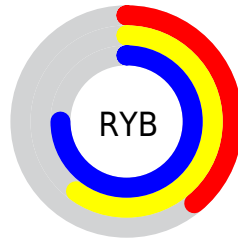
The Yxy color **43.3109, 0.2626, 0.3627** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **21.7167, 0.4109, 0.2994**, and the grayscale version is **36.1172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2555, 0.2720, 0.3568**, and **19.9564, 0.2480, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **42.1737, 0.2557, 0.3711**, and if you desaturate by 10%, it is **44.7155, 0.2711, 0.3547**.

Distribution



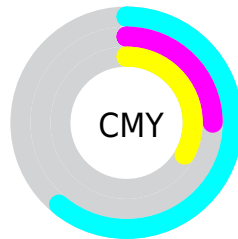
- Red (39%)
- Green (75%)
- Blue (67%)



- Red (39%)
- Yellow (60%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (61%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3109, 0.2626, 0.3627 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 43.3109, 0.2626, 0.3627 by changing the saturation by 10% instead.

 43.3109, 0.2626,
0.3627


 43.3109, 0.2626,
0.3627


359.8888, 0.2880,
0.3455


 30.1291, 0.2562,
0.3671


 80.1798, 0.2719,
0.3563

 19.9366, 0.2479,
0.3729


 104.6357, 0.2753,
0.3540

 12.3490, 0.2368,
0.3807


 133.6185, 0.2783,
0.3520

 6.9818, 0.2212,
0.3918

 167.5125, 0.2808,
0.3503

 3.4507, 0.1978,
0.4088

206.7021, 0.2829,
0.3489

 1.3713, 0.1424,
0.4468

251.5718, 0.2848,

 0.1954, 0.0000,

0.3476

0.8704

302.5059, 0.2865,
0.3465

0.0000, 0.0000,
0.0000

43.3109, 0.2626,
0.3627

43.3109, 0.2626,
0.3627

42.1737, 0.2557,
0.3711

44.7155, 0.2711,
0.3547

41.2804, 0.2505,
0.3798

46.3991, 0.2809,
0.3471

40.6117, 0.2473,
0.3886

48.3786, 0.2917,
0.3401


40.1431, 0.2460,
0.3975

50.6682, 0.3032,
0.3337


39.8377, 0.2465,
0.4062


53.2813, 0.3152,
0.3279

 39.7827, 0.2467,
0.4081

 56.2301, 0.3274,
0.3226

 59.5267, 0.3396,
0.3180

 63.1820, 0.3517,
0.3139

 63.6815, 0.3491,
0.3093

Harmonies

Analogous

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



43.3109, 0.3050, 0.4010



43.3109, 0.2626, 0.3627



43.3109, 0.2348, 0.3158

Triad

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



43.3109, 0.2626, 0.3627



43.3109, 0.2703, 0.2547



43.3109, 0.4067, 0.3703

Complementary

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



43.3109, 0.2626, 0.3627



21.7167, 0.4109, 0.2994

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.



43.3109, 0.3970, 0.3329



43.3109, 0.2626, 0.3627



43.3109, 0.3150, 0.2693

Square

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



43.3109, 0.2626, 0.3627



43.3109, 0.2391, 0.2569



43.3109, 0.3624, 0.2971



43.3109, 0.3892, 0.4010

Rectangle

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



43.3109, 0.2626, 0.3627



43.3109, 0.2271, 0.2887



43.3109, 0.3624, 0.2971



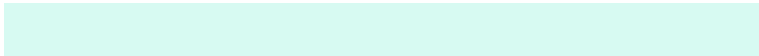
43.3109, 0.4066, 0.3581

Sweetspot

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



43.3126, 0.2626, 0.3627



89.1264, 0.2959, 0.3376



42.8308, 0.3224, 0.4711



18.9332, 0.2934, 0.3391



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.



43.3126, 0.2626, 0.3627



76.2300, 0.2551, 0.3720



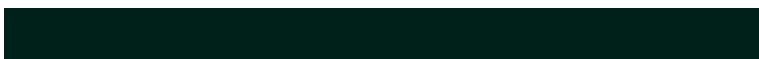
34.8868, 0.2435, 0.2934



11.3860, 0.3015, 0.3346



26.7794, 0.2464, 0.4069



1.1672, 0.2410, 0.3874

Inverse Universe

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



21.7167, 0.4109, 0.2994



32.2814, 0.4479, 0.2942



26.2844, 0.4270, 0.3607



10.1165, 0.3252, 0.3235



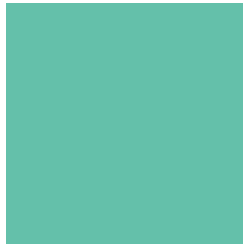
7.6832, 0.5940, 0.3046



0.3432, 0.5290, 0.2688

Previews

White Background



This preview shows how the Yxy color 43.3109, 0.2626, 0.3627 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 43.3109, 0.2626, 0.3627 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 43.3109, 0.2626, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 43.3109, 0.2626, 0.3627.



This preview shows how white text looks on a background with the Yxy color 43.3109, 0.2626, 0.3627.

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

43.3109, 0.2626, 0.3627

Protanopia

42.6339, 0.3309, 0.3480

Deuteranopia

42.5474, 0.3278, 0.3213



Tritanopia

43.0561, 0.2479, 0.3072

Trichromacy



Original Color

43.3109, 0.2626, 0.3627

Protanomaly

42.4035, 0.3015, 0.3534

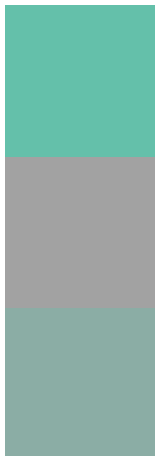
Deuteranomaly

41.7305, 0.2996, 0.3346

Tritanomaly

43.1771, 0.2535, 0.3273

Monochromacy



Original Color

43.3109, 0.2626, 0.3627

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.0927, 0.2899, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3109, 0.2626, 0.3627 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(100, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(100, 192, 170)  
}
```

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(100, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 192, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.3109, 0.2626, 0.3627 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(100, 192, 170) }
```

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

```
.border{ border-color:rgb(100, 192, 170) }
```

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

Here you see how a box with a 4 pixel rgb(100, 192, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(100, 192,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3109, 0.2626, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 192, 170) }
```

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

```
.background{ background-color: rgb(100,  
192, 170) }
```

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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