

Converting Colors

$Yxy(44.3551, 0.2672, 0.3499)$

Have a look what the booklet for
Yxy(44.3551, 0.2672, 0.3499)
contains.

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Color

Yxy(44.1489, 0.2675, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	74BFB1
RGB	116, 191, 177
RGB Percent	45%, 75%, 69%
CMY	0.5449, 0.2510, 0.3059
CMYK	0.39, 0.00, 0.07, 0.25
HSL	169°, 37%, 60%
HSV	169°, 39%, 75%
XYZ	33.7713, 44.1489, 48.3277
YIQ	166.9790, -40.2060, -20.2540

Conversions

Conversions Part 2

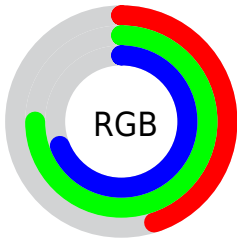
Format	Color
RYB	116, 157, 191
Decimal	7651249
CIELab	72.33, -26.59, -0.27
CIELCh	72, 26.587, 180.584
Yxy	44.1489, 0.2675, 0.3497
Android (android.graphics.Color)	4285841329 (0xFF74BFB1)
YUV	166.9790, 4.9404, -44.7086
Hunter-Lab	66.4446, -25.5533, 3.3874

Details

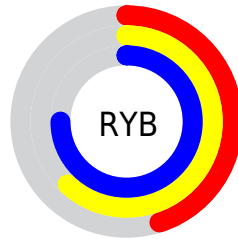
The Yxy color **44.1489, 0.2675, 0.3497** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.1893, 0.3908, 0.3099**, and the grayscale version is **38.6274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6759, 0.2755, 0.3458**, and **20.3961, 0.2541, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **42.8325, 0.2587, 0.3559**, and if you desaturate by 10%, it is **45.7417, 0.2777, 0.3438**.

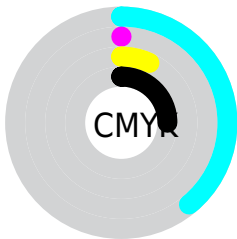
Distribution



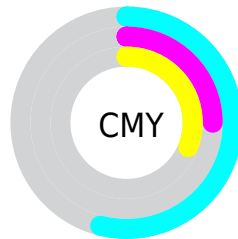
- Red (45%)
- Green (75%)
- Blue (69%)



- Red (45%)
- Yellow (62%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (54%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1489, 0.2675, 0.3497 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 44.1489, 0.2675, 0.3497 by changing the saturation by 10% instead.


 44.1489, 0.2675,
0.3497


 44.1489, 0.2675,
0.3497


363.3156, 0.2902,
0.3393

 30.7876, 0.2618,
0.3523


 81.4418, 0.2758,
0.3459

 20.4372, 0.2545,
0.3556


 106.1421, 0.2789,
0.3445

 12.7132, 0.2447,
0.3601


 135.3909, 0.2815,
0.3433

 7.2314, 0.2311,
0.3662

169.5725, 0.2837,
0.3423

 3.6072, 0.2108,
0.3754

209.0714, 0.2857,
0.3414

 1.4564, 0.1744,
0.3918

254.2720, 0.2874,

 0.2577, 0.0000,

0.3406

0.4625

305.5585, 0.2889,
0.3399

0.0000, 0.0000,
0.0000

44.1489, 0.2675,
0.3497

44.1489, 0.2675,
0.3497

42.8325, 0.2587,
0.3559

45.7417, 0.2777,
0.3438

41.7705, 0.2516,
0.3624

47.6208, 0.2889,
0.3383

40.9463, 0.2463,
0.3691


49.8020, 0.3010,
0.3333

40.3388, 0.2429,
0.3758

52.2986, 0.3137,
0.3287

39.9234, 0.2415,
0.3826

55.1228, 0.3266,
0.3245


 39.6559, 0.2416,
0.3892

 58.2864, 0.3397,
0.3208

 39.6375, 0.2416,
0.3897

 61.8004, 0.3526,
0.3176

 62.9558, 0.3540,
0.3141

 63.1308, 0.3511,
0.3105

Harmonies

Analogous

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



44.1489, 0.3006, 0.3818



44.1489, 0.2675, 0.3497



44.1489, 0.2470, 0.3130

Triad

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



44.1489, 0.2675, 0.3497



44.1489, 0.2843, 0.2693



44.1489, 0.3873, 0.3683

Complementary

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



44.1489, 0.2675, 0.3497



25.1893, 0.3908, 0.3099

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.



44.1489, 0.3831, 0.3383



44.1489, 0.2675, 0.3497



44.1489, 0.3216, 0.2834

Square

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



44.1489, 0.2675, 0.3497



44.1489, 0.2563, 0.2690



44.1489, 0.3584, 0.3080



44.1489, 0.3704, 0.3905

Rectangle

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



44.1489, 0.2675, 0.3497



44.1489, 0.2425, 0.2923



44.1489, 0.3584, 0.3080



44.1489, 0.3884, 0.3587

Sweetspot

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



44.1507, 0.2675, 0.3497



87.9889, 0.2974, 0.3347



43.3509, 0.3186, 0.4434



19.2060, 0.2958, 0.3354



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.



44.1507, 0.2675, 0.3497



77.0386, 0.2600, 0.3550



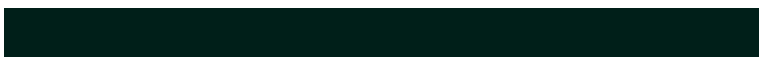
35.6717, 0.2539, 0.2950



10.7781, 0.3009, 0.3333



26.0606, 0.2413, 0.3888



1.0289, 0.2369, 0.3728

Inverse Universe

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



25.1893, 0.3908, 0.3099



38.3904, 0.4173, 0.3060



30.6668, 0.3970, 0.3602



9.5647, 0.3260, 0.3247



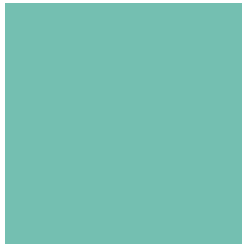
7.3707, 0.6084, 0.3125



0.2977, 0.5447, 0.2774

Previews

White Background



This preview shows how the Yxy color 44.1489, 0.2675, 0.3497 looks on a white background.

Color Contrast Check

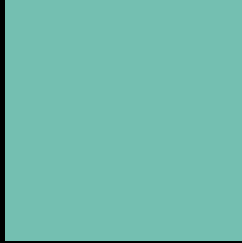
Large Text (above 18pt) WCAG AA × Fail

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 44.1489, 0.2675, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

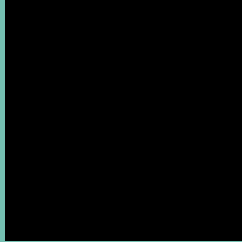
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1489, 0.2675, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 44.1489, 0.2675, 0.3497.

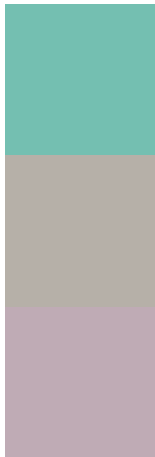


This preview shows how white text looks on a background with the Yxy color 44.1489, 0.2675, 0.3497.

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**

44.1489, 0.2675, 0.3497

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

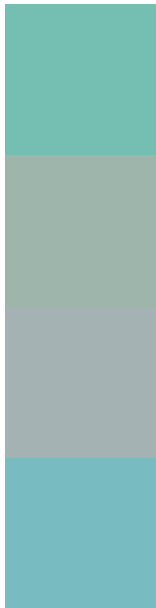
43.5384, 0.3223, 0.3162



Tritanopia

44.0159, 0.2558, 0.3077

Trichromacy



Original Color

44.1489, 0.2675, 0.3497

Protanomaly

43.2571, 0.3011, 0.3430

Deuteranomaly

43.0286, 0.2992, 0.3262

Tritanomaly

43.8098, 0.2596, 0.3216

Monochromacy



Original Color

44.1489, 0.2675, 0.3497

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.2868, 0.2928, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1489, 0.2675, 0.3497 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(116, 191, 177)` looks like.

```
.text, #text, p{  
    color:rgb(116, 191, 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(116, 191, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 191, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.1489, 0.2675, 0.3497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

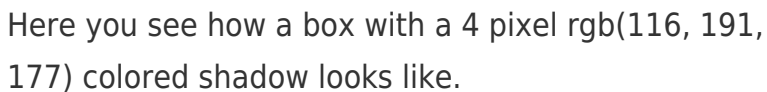
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 191, 177) }
```

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

```
.border{ border-color:rgb(116, 191, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 191, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 191, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 191, 177); box-shadow:4px 4px 4px 4px rgb(116, 191, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1489, 0.2675, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 191, 177) }
```

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

```
.background{ background-color: rgb(116,  
191, 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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