

Converting Colors

$Yxy(44.8094, 0.2691, 0.3447)$

Have a look what the booklet for
Yxy(44.8094, 0.2691, 0.3447)
contains.

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Color

Yxy(44.6945, 0.2693, 0.3450)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7ABFB4 |
| RGB | 122, 191, 180 |
| RGB Percent | 48%, 75%, 71% |
| CMY | 0.5218, 0.2509, 0.2941 |
| CMYK | 0.36, 0.00, 0.06, 0.25 |
| HSL | 170°, 35%, 61% |
| HSV | 170°, 36%, 75% |
| XYZ | 34.8876, 44.6945, 49.9672 |
| YIQ | 169.1150, -37.5930, -18.0490 |

Conversions

Conversions Part 2

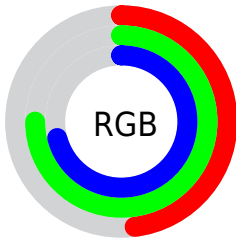
| Format | Color |
|-------------------------------------|--|
| RYB | 122, 159, 191 |
| Decimal | 8044468 |
| CIELab | 72.69, -24.29, -1.35 |
| CIELCh | 73, 24.325, 183.187 |
| Yxy | 44.6945, 0.2693, 0.3450 |
| Android (android.graphics.Color) | 4286234548 (0xFF7ABFB4) |
| YUV | 169.1150, 5.3663, -41.3199 |
| Hunter-Lab | 66.8539, -23.8445, 2.4840 |

Details

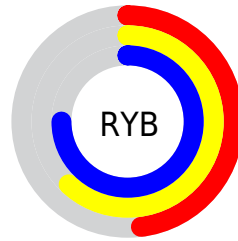
The Yxy color **44.6945, 0.2693, 0.3450** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.6730, 0.3846, 0.3140**, and the grayscale version is **39.7166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5380, 0.2772, 0.3423**, and **20.6888, 0.2573, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **43.3144, 0.2598, 0.3502**, and if you desaturate by 10%, it is **46.3549, 0.2801, 0.3401**.

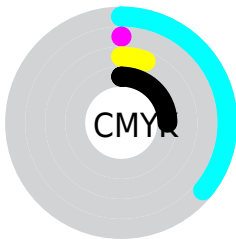
Distribution



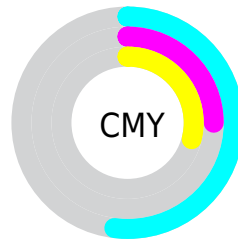
- Red (48%)
- Green (75%)
- Blue (71%)



- Red (48%)
- Yellow (62%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (52%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6945, 0.2693, 0.3450 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 44.6945, 0.2693, 0.3450 by changing the saturation by 10% instead.


 44.6945, 0.2693,
0.3450


 44.6945, 0.2693,
0.3450


365.5349, 0.2910,
0.3371


 31.2169, 0.2639,
0.3469


 82.2618, 0.2772,
0.3421

 20.7640, 0.2569,
0.3494


 107.1202, 0.2802,
0.3411

 12.9516, 0.2477,
0.3527


 136.5411, 0.2827,
0.3402

 7.3952, 0.2348,
0.3572

170.9087, 0.2848,
0.3394

 3.7105, 0.2156,
0.3638

210.6075, 0.2867,
0.3387

 1.5130, 0.1837,
0.3744

256.0218, 0.2883,

 0.2978, 0.0000,

0.3381

0.4156

307.5362, 0.2897,
0.3376

0.0000, 0.0000,
0.0000

44.6945, 0.2693,
0.3450

44.6945, 0.2693,
0.3450

43.3144, 0.2598,
0.3502

46.3549, 0.2801,
0.3401

42.1931, 0.2520,
0.3556

48.3050, 0.2920,
0.3356

41.3145, 0.2459,
0.3612


50.5605, 0.3046,
0.3314

40.6585, 0.2417,
0.3668


53.1342, 0.3178,
0.3276


40.2018, 0.2394,
0.3725

56.0382, 0.3312,
0.3242

 39.9144, 0.2389,
0.3781

 59.2841, 0.3447,
0.3212

 39.8259, 0.2390,
0.3803

 62.7605, 0.3575,
0.3185

 62.9056, 0.3550,
0.3153

 63.0536, 0.3525,
0.3122

Harmonies

Analogous

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



44.6945, 0.2989, 0.3748



44.6945, 0.2693, 0.3450



44.6945, 0.2516, 0.3120

Triad

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



44.6945, 0.2693, 0.3450



44.6945, 0.2896, 0.2749



44.6945, 0.3801, 0.3673

Complementary

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



44.6945, 0.2693, 0.3450



26.6730, 0.3846, 0.3140

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.



44.6945, 0.3779, 0.3403



44.6945, 0.2693, 0.3450



44.6945, 0.3240, 0.2888

Square

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



44.6945, 0.2693, 0.3450



44.6945, 0.2628, 0.2736



44.6945, 0.3569, 0.3122



44.6945, 0.3633, 0.3863

Rectangle

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



44.6945, 0.2693, 0.3450



44.6945, 0.2483, 0.2936



44.6945, 0.3569, 0.3122



44.6945, 0.3816, 0.3588

Sweetspot

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



44.6963, 0.2693, 0.3450



88.4453, 0.2982, 0.3334



43.6948, 0.3166, 0.4338



19.3013, 0.2965, 0.3340



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.



44.6963, 0.2693, 0.3450



78.1327, 0.2620, 0.3489



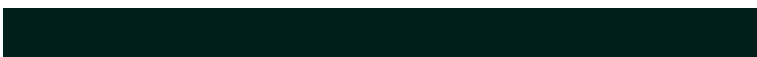
35.8958, 0.2578, 0.2945



10.7827, 0.3005, 0.3327



26.1782, 0.2388, 0.3795



1.0325, 0.2350, 0.3660

Inverse Universe

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



26.6730, 0.3846, 0.3140



41.3514, 0.4074, 0.3110



32.7206, 0.3872, 0.3608



9.5605, 0.3264, 0.3254



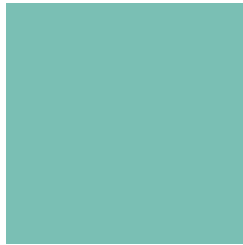
7.3503, 0.6151, 0.3162



0.2958, 0.5563, 0.2838

Previews

White Background



This preview shows how the Yxy color 44.6945, 0.2693, 0.3450 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 44.6945, 0.2693, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

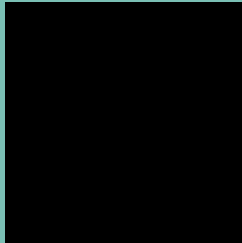
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

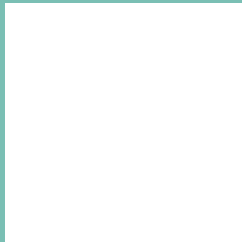
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6945, 0.2693, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 44.6945, 0.2693, 0.3450.



This preview shows how white text looks on a background with the Yxy color 44.6945, 0.2693, 0.3450.

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

44.6945, 0.2693, 0.3450

Protanopia

44.3679, 0.3212, 0.3357

Deuteranopia

44.1722, 0.3206, 0.3137



Tritanopia

44.8674, 0.2585, 0.3079

Trichromacy



Original Color

44.6945, 0.2693, 0.3450

Protanomaly

44.0246, 0.2997, 0.3387

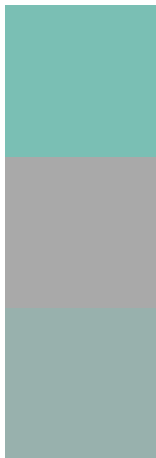
Deuteranomaly

43.8746, 0.2994, 0.3235

Tritanomaly

44.7709, 0.2622, 0.3203

Monochromacy



Original Color

44.6945, 0.2693, 0.3450

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.1368, 0.2946, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6945, 0.2693, 0.3450 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(122, 191, 180)` looks like.

```
.text, #text, p{  
    color:rgb(122, 191, 180)  
}
```

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(122, 191, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 191, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.6945, 0.2693, 0.3450 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(122, 191, 180) }
```

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

```
.border{ border-color:rgb(122, 191, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 191, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(122, 191,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6945, 0.2693, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 191, 180) }
```

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

```
.background{ background-color: rgb(122,  
191, 180) }
```

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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