

Converting Colors

$Yxy(44.3577, 0.2750, 0.3509)$

Have a look what the booklet for
Yxy(44.3577, 0.2750, 0.3509)
contains.

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Color

Yxy(44.3577, 0.2750, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	7EBEAF
RGB	126, 190, 175
RGB Percent	49%, 75%, 69%
CMY	0.5056, 0.2549, 0.3137
CMYK	0.34, 0.00, 0.08, 0.25
HSL	166°, 33%, 62%
HSV	166°, 34%, 75%
XYZ	34.7631, 44.3577, 47.2904
YIQ	169.1540, -33.3290, -18.2330

Conversions

Conversions Part 2

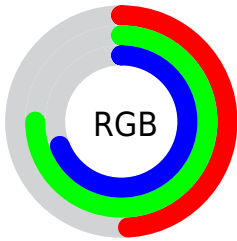
Format	Color
R_{YB}	126, 162, 190
Decimal	8306351
CIE _{Lab}	72.47, -23.75, 1.07
CIE _{LCh}	72, 23.775, 177.425
Yxy	44.3577, 0.2750, 0.3509
Android (android.graphics.Color)	4286496431 (0xFF7EBEAF)
YUV	169.1540, 2.8821, -37.8461
Hunter-Lab	66.6016, -23.3836, 4.5222

Details

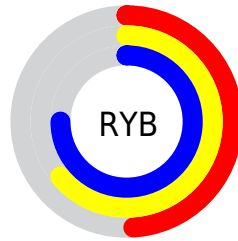
The Yxy color **44.3577, 0.2750, 0.3509** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.8095, 0.3718, 0.3085**, and the grayscale version is **39.7620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0585, 0.2824, 0.3479**, and **20.4942, 0.2640, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **42.8766, 0.2659, 0.3586**, and if you desaturate by 10%, it is **46.1224, 0.2853, 0.3437**.

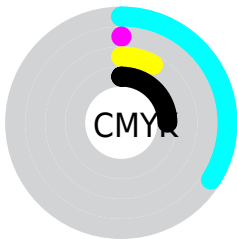
Distribution



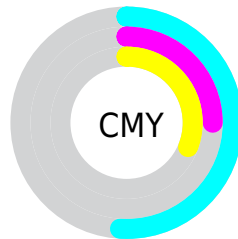
- Red (49%)
- Green (75%)
- Blue (69%)



- Red (49%)
- Yellow (64%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)




- Cyan (51%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3577, 0.2750, 0.3509 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 44.3577, 0.2750, 0.3509 by changing the saturation by 10% instead.


 44.3577, 0.2750,
0.3509


 44.3577, 0.2750,
0.3509

364.1660, 0.2940,
0.3398


 30.9518, 0.2702,
0.3537


 81.7557, 0.2819,
0.3468

 20.5622, 0.2641,
0.3573

 106.5167, 0.2845,
0.3453

 12.8043, 0.2558,
0.3622


 135.8314, 0.2867,
0.3441

 7.2939, 0.2442,
0.3691

170.0843, 0.2886,
0.3430

 3.6466, 0.2269,
0.3795

209.6599, 0.2902,
0.3420

 1.4779, 0.1970,
0.3977

254.9424, 0.2916,

 0.2731, 0.0000,

0.3412

0.5508

306.3163, 0.2929,
0.3405

0.0000, 0.0000,
0.0000

44.3577, 0.2750,
0.3509

44.3577, 0.2750,
0.3509

42.8766, 0.2659,
0.3586

46.1224, 0.2853,
0.3437

41.6583, 0.2582,
0.3667

48.1799, 0.2965,
0.3371

40.6872, 0.2522,
0.3751

50.5452, 0.3083,
0.3311


39.9442, 0.2481,
0.3837


53.2310, 0.3205,
0.3256

39.4071, 0.2460,
0.3923

56.2492, 0.3328,
0.3207

 39.0493, 0.2457,
0.4009

 59.6108, 0.3450,
0.3164

 38.8818, 0.2462,
0.4064

 62.5484, 0.3537,
0.3124

 62.7682, 0.3500,
0.3079

 62.9942, 0.3464,
0.3034

Harmonies

Analogous

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



44.3577, 0.3056, 0.3780



44.3577, 0.2750, 0.3509



44.3577, 0.2550, 0.3183

Triad

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



44.3577, 0.2750, 0.3509



44.3577, 0.2842, 0.2747



44.3577, 0.3798, 0.3619

Complementary

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



44.3577, 0.2750, 0.3509



27.8095, 0.3718, 0.3085

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.



44.3577, 0.3739, 0.3347



44.3577, 0.2750, 0.3509



44.3577, 0.3171, 0.2861

Square

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



44.3577, 0.2750, 0.3509



44.3577, 0.2601, 0.2760



44.3577, 0.3504, 0.3076



44.3577, 0.3667, 0.3826

Rectangle

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



44.3577, 0.2750, 0.3509



44.3577, 0.2498, 0.2991



44.3577, 0.3504, 0.3076



44.3577, 0.3800, 0.3532

Sweetspot

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



44.3595, 0.2750, 0.3509



88.7466, 0.3006, 0.3349



44.0865, 0.3208, 0.4241



19.3579, 0.2989, 0.3358



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.



44.3595, 0.2750, 0.3509



78.4604, 0.2685, 0.3562



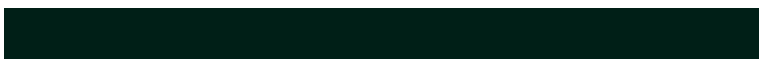
38.4342, 0.2625, 0.3054



10.7702, 0.3015, 0.3344



25.8693, 0.2459, 0.4053



1.0228, 0.2402, 0.3847

Inverse Universe

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



27.8095, 0.3718, 0.3085



44.1098, 0.3899, 0.3042



31.8145, 0.3829, 0.3513



9.5720, 0.3252, 0.3236



7.4132, 0.5950, 0.3052



0.3009, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 44.3577, 0.2750, 0.3509 looks on a white background.

Color Contrast Check

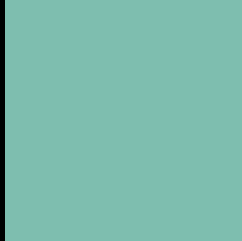
Large Text (above 18pt) WCAG AA × Fail

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 44.3577, 0.2750, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

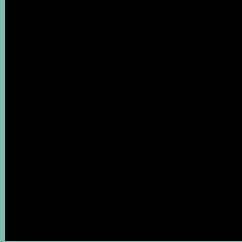
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3577, 0.2750, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 44.3577, 0.2750, 0.3509.



This preview shows how white text looks on a background with the Yxy color 44.3577, 0.2750, 0.3509.

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

44.3577, 0.2750, 0.3509

Protanopia

43.7858, 0.3255, 0.3410

Deuteranopia

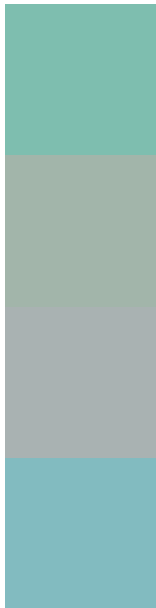
43.7179, 0.3259, 0.3188



Tritanopia

44.2404, 0.2618, 0.3079

Trichromacy



Original Color

44.3577, 0.2750, 0.3509

Protanomaly

43.6314, 0.3052, 0.3443

Deuteranomaly

43.4902, 0.3050, 0.3290

Tritanomaly

44.0922, 0.2663, 0.3217

Monochromacy



Original Color

44.3577, 0.2750, 0.3509

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.1569, 0.2970, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3577, 0.2750, 0.3509 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(126, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(126, 190, 175)  
}
```

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(126, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 190, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.3577, 0.2750, 0.3509 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(126, 190, 175) }
```

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

```
.border{ border-color:rgb(126, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(126, 190,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3577, 0.2750, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 190, 175) }
```

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

```
.background{ background-color: rgb(126,  
190, 175) }
```

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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