

Converting Colors

$Y_{xy}(43.4206, 0.2508, 0.2997)$

Have a look what the booklet for
Yxy(43.4206, 0.2508, 0.2997)
contains.

Yxy(43.4960, 0.2510, 0.3006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.4960, 0.2510, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	77BACE
RGB	119, 186, 206
RGB Percent	47%, 73%, 81%
CMY	0.5329, 0.2706, 0.1921
CMYK	0.42, 0.10, 0.00, 0.19
HSL	194°, 47%, 64%
HSV	194°, 42%, 81%
XYZ	36.3190, 43.4960, 64.8823
YIQ	168.2470, -46.3520, -7.9840

Conversions

Conversions Part 2

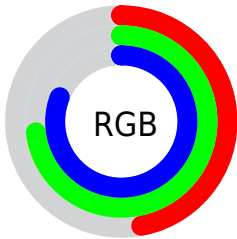
Format	Color
R _Y B	119, 157, 206
Decimal	7846606
CIE Lab	71.89, -16.01, -16.77
CIE LCh	72, 23.181, 226.323
Yxy	43.4960, 0.2510, 0.3006
Android (android.graphics.Color)	4286036686 (0xFF77BACE)
YUV	168.2470, 18.6122, -43.1896
Hunter-Lab	65.9515, -17.1165, -12.1627

Details

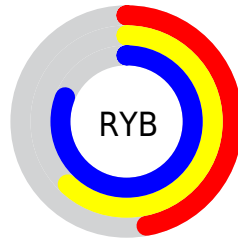
The Yxy color **43.4960, 0.2510, 0.3006** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.9632, 0.4097, 0.3550**, and the grayscale version is **39.2215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8382, 0.2659, 0.3146**, and **20.1320, 0.2342, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **40.2257, 0.2386, 0.2926**, and if you desaturate by 10%, it is **47.1521, 0.2646, 0.3082**.

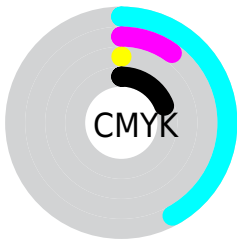
Distribution



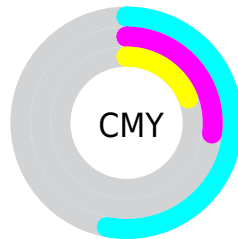
- Red (47%)
- Green (73%)
- Blue (81%)



- Red (47%)
- Yellow (62%)
- Blue (81%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4960, 0.2510, 0.3006 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 43.4960, 0.2510, 0.3006 by changing the saturation by 10% instead.

■ 43.4960, 0.2510,
0.3006

■ 43.4960, 0.2510,
0.3006

■ 360.6476, 0.2815,
0.3155

■ 30.2745, 0.2435,
0.2967

■ 80.4588, 0.2620,
0.3062

■ 20.0470, 0.2341,
0.2916

■ 104.9689, 0.2661,
0.3082

■ 12.4292, 0.2217,
0.2846

■ 134.0106, 0.2696,
0.3099

■ 7.0367, 0.2048,
0.2746

■ 167.9684, 0.2727,
0.3114

■ 3.4851, 0.1808,
0.2592

■ 207.2265, 0.2753,
0.3126

■ 1.3899, 0.1443,
0.2331

■ 252.1695, 0.2776,

■ 0.2093, 0.0000,

0.3137

0.1247

303.1818, 0.2797,
0.3147

0.0000, 0.0000,
0.0000

43.4960, 0.2510,
0.3006

43.4960, 0.2510,
0.3006

40.2257, 0.2386,
0.2926

47.1521, 0.2646,
0.3082

37.3151, 0.2278,
0.2843

51.2084, 0.2790,
0.3153

34.7419, 0.2187,
0.2758

55.6845, 0.2941,
0.3218

32.4793, 0.2116,
0.2673

60.5971, 0.3094,
0.3278

30.4947, 0.2064,
0.2588

65.9620, 0.3247,
0.3332

■ 29.0930, 0.2034,
0.2523

■ 71.7939, 0.3398,
0.3380

■ 76.4954, 0.3482,
0.3425

■ 79.0117, 0.3473,
0.3473

■ 81.5992, 0.3465,
0.3520

Harmonies

Analogous

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



43.4960, 0.2618, 0.3302



43.4960, 0.2510, 0.3006



43.4960, 0.2556, 0.2809

Triad

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



43.4960, 0.2510, 0.3006



43.4960, 0.3382, 0.2993



43.4960, 0.3499, 0.3878

Complementary

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



43.4960, 0.2510, 0.3006



32.9632, 0.4097, 0.3550

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.



43.4960, 0.3725, 0.3753



43.4960, 0.2510, 0.3006



43.4960, 0.3659, 0.3244

Square

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



43.4960, 0.2510, 0.3006



43.4960, 0.3045, 0.2814



43.4960, 0.3786, 0.3519



43.4960, 0.3181, 0.3833

Rectangle

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



43.4960, 0.2510, 0.3006



43.4960, 0.2668, 0.2751



43.4960, 0.3786, 0.3519



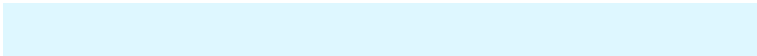
43.4960, 0.3589, 0.3853

Sweetspot

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



43.4977, 0.2510, 0.3006



89.4677, 0.2926, 0.3212



49.9122, 0.2954, 0.4301



18.7933, 0.2892, 0.3198



0.0000, 0.0000, 0.0000



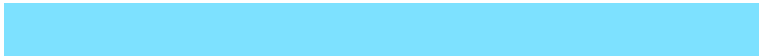
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4977, 0.2510, 0.3006



65.4412, 0.2393, 0.2931



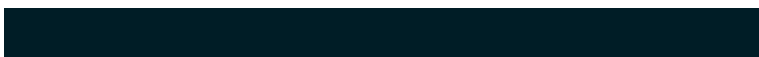
28.2514, 0.2406, 0.2368



12.2715, 0.2983, 0.3235



18.0649, 0.2038, 0.2535



1.0417, 0.2083, 0.2699

Inverse Universe

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



29.8875, 0.3386, 0.2473



41.3523, 0.3464, 0.2304



47.6651, 0.3868, 0.4062



11.3578, 0.3172, 0.3113



9.6267, 0.3888, 0.1915



0.5077, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 43.4960, 0.2510, 0.3006 looks on a white background.

Color Contrast Check

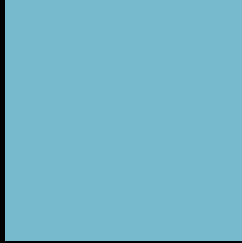
Large Text (above 18pt) WCAG AA × Fail

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 43.4960, 0.2510, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

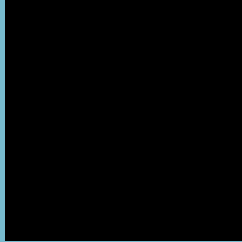
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4960, 0.2510, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 43.4960, 0.2510, 0.3006.



This preview shows how white text looks on a background with the Yxy color 43.4960, 0.2510, 0.3006.

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

43.4960, 0.2510, 0.3006

Protanopia

43.1200, 0.2921, 0.2974

Deuteranopia

42.9594, 0.2870, 0.2804



Tritanopia

43.6565, 0.2529, 0.3075

Trichromacy



Original Color

43.4960, 0.2510, 0.3006

Protanomaly

42.8301, 0.2753, 0.2977

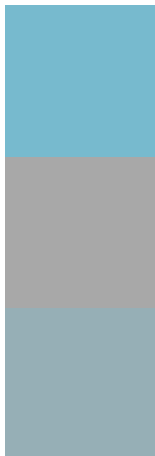
Deuteranomaly

42.5733, 0.2718, 0.2862

Tritanomaly

43.7040, 0.2523, 0.3061

Monochromacy



Original Color

43.4960, 0.2510, 0.3006

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.5214, 0.2862, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4960, 0.2510, 0.3006 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(119, 186, 206)` looks like.

```
.text, #text, p{  
    color:rgb(119, 186, 206)  
}
```

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(119, 186, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 186, 206) }
```

Border

The CSS property to change the border of an element to Yxy 43.4960, 0.2510, 0.3006 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(119, 186, 206) }
```

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

```
.border{ border-color:rgb(119, 186, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 186, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 186, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 186, 206);  
box-shadow:4px 4px 4px 4px rgb(119, 186,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4960, 0.2510, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 186, 206) }
```

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

```
.background{ background-color: rgb(119,  
186, 206) }
```

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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