

Converting Colors

$Y_{xy}(44.6899, 0.2857, 0.3203)$

Have a look what the booklet for
Yxy(44.6899, 0.2857, 0.3203)
contains.

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Color

Yxy(44.6526, 0.2856, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	9CB7BE
RGB	156, 183, 190
RGB Percent	61%, 72%, 75%
CMY	0.3885, 0.2823, 0.2550
CMYK	0.18, 0.04, 0.00, 0.25
HSL	192°, 21%, 68%
HSV	192°, 18%, 75%
XYZ	39.9273, 44.6526, 55.2216
YIQ	175.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

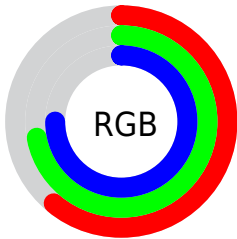
Format	Color
RYB	156, 171, 190
Decimal	10270654
CIELab	72.66, -7.70, -6.63
CIELCh	73, 10.159, 220.726
Yxy	44.6526, 0.2856, 0.3194
Android (android.graphics.Color)	4288460734 (0xFF9CB7BE)
YUV	175.7250, 7.0376, -17.2988
Hunter-Lab	66.8226, -10.2837, -2.2209

Details

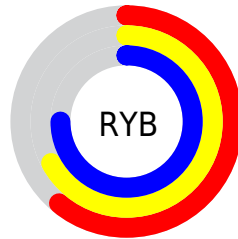
The Yxy color **44.6526, 0.2856, 0.3194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5031, 0.3453, 0.3384**, and the grayscale version is **43.2302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2357, 0.2908, 0.3216**, and **20.7145, 0.2774, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **41.3245, 0.2711, 0.3134**, and if you desaturate by 10%, it is **48.3251, 0.3006, 0.3250**.

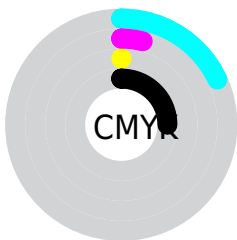
Distribution



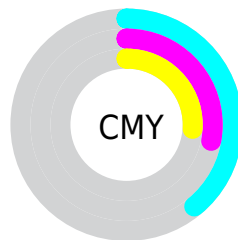
- Red (61%)
- Green (72%)
- Blue (75%)



- Red (61%)
- Yellow (67%)
- Blue (75%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6526, 0.2856, 0.3194 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 44.6526, 0.2856, 0.3194 by changing the saturation by 10% instead.

■ 44.6526, 0.2856,
0.3194

■ 44.6526, 0.2856,
0.3194

365.3648, 0.2992,
0.3244

■ 31.1839, 0.2822,
0.3181

■ 82.1989, 0.2905,
0.3212

■ 20.7389, 0.2779,
0.3164

■ 107.0452, 0.2924,
0.3219

■ 12.9333, 0.2721,
0.3141

136.4528, 0.2939,
0.3225

■ 7.3826, 0.2641,
0.3108

170.8062, 0.2953,
0.3230

■ 3.7025, 0.2521,
0.3056

210.4897, 0.2964,
0.3234

■ 1.5086, 0.2324,
0.2966

255.8877, 0.2975,

■ 0.2948, 0.0787,

0.3238

0.2516

307.3846, 0.2984,
0.3241

0.0000, 0.0000,
0.0000

44.6526, 0.2856,
0.3194

44.6526, 0.2856,
0.3194

41.3245, 0.2711,
0.3134

48.3251, 0.3006,
0.3250

38.3211, 0.2573,
0.3069

52.3496, 0.3159,
0.3300

35.6291, 0.2448,
0.3000

56.7405, 0.3311,
0.3346

33.2319, 0.2336,
0.2929

61.5095, 0.3461,
0.3386

31.1113, 0.2241,
0.2855

66.6677, 0.3607,
0.3422

■ 29.2466, 0.2165,
0.2781

■ 69.2840, 0.3630,
0.3460

■ 27.6137, 0.2108,
0.2707

■ 71.1826, 0.3621,
0.3500

■ 26.1760, 0.2068,
0.2633

■ 73.1279, 0.3611,
0.3539

■ 25.8896, 0.2061,
0.2618

■ 75.1201, 0.3601,
0.3578

Harmonies

Analogous

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



44.6526, 0.2919, 0.3325



44.6526, 0.2856, 0.3194



44.6526, 0.2864, 0.3094

Triad

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



44.6526, 0.2856, 0.3194



44.6526, 0.3214, 0.3139



44.6526, 0.3314, 0.3539

Complementary

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



44.6526, 0.2856, 0.3194



39.5031, 0.3453, 0.3384

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.



44.6526, 0.3397, 0.3482



44.6526, 0.2856, 0.3194



44.6526, 0.3339, 0.3251

Square

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



44.6526, 0.2856, 0.3194



44.6526, 0.3067, 0.3065



44.6526, 0.3406, 0.3376



44.6526, 0.3182, 0.3528

Rectangle

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



44.6526, 0.2856, 0.3194



44.6526, 0.2908, 0.3056



44.6526, 0.3406, 0.3376



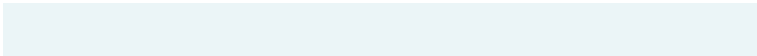
44.6526, 0.3349, 0.3527

Sweetspot

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



44.6544, 0.2856, 0.3194



89.5922, 0.3050, 0.3264



46.5181, 0.3055, 0.3672



19.5622, 0.3039, 0.3261



97.7402, 0.3127, 0.3290



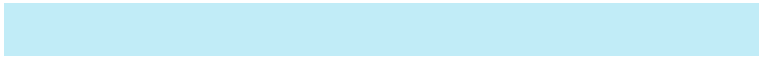
20.4902, 0.3127, 0.3290

Same Dimension

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



44.6544, 0.2856, 0.3194



78.1822, 0.2791, 0.3168



38.1061, 0.2844, 0.2956



10.4690, 0.2985, 0.3242



17.3319, 0.2063, 0.2628



0.7642, 0.2112, 0.2803

Inverse Universe

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



38.1206, 0.3211, 0.2938



64.0170, 0.3235, 0.2848



45.8941, 0.3415, 0.3603



9.6619, 0.3168, 0.3109



8.7794, 0.3797, 0.1866



0.3525, 0.3631, 0.1774

Previews

White Background



This preview shows how the Yxy color 44.6526, 0.2856, 0.3194 looks on a white background.

Color Contrast Check

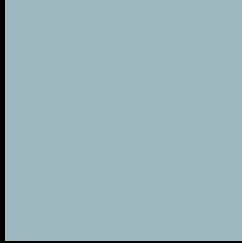
Large Text (above 18pt) WCAG AA × Fail

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 44.6526, 0.2856, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

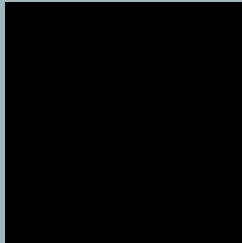
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

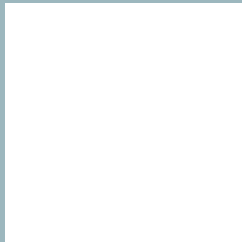
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6526, 0.2856, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 44.6526, 0.2856, 0.3194.



This preview shows how white text looks on a background with the Yxy color 44.6526, 0.2856, 0.3194.

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

44.6526, 0.2856, 0.3194

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.5117, 0.3112, 0.3048



Tritanopia

44.6095, 0.2821, 0.3100

Trichromacy



Original Color

44.6526, 0.2856, 0.3194

Protanomaly

44.4860, 0.2997, 0.3183

Deuteranomaly

44.5530, 0.3016, 0.3106

Tritanomaly

44.5190, 0.2835, 0.3126

Monochromacy



Original Color

44.6526, 0.2856, 0.3194

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0114, 0.3026, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6526, 0.2856, 0.3194 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(156, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(156, 183, 190)  
}
```

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(156, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.6526, 0.2856, 0.3194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

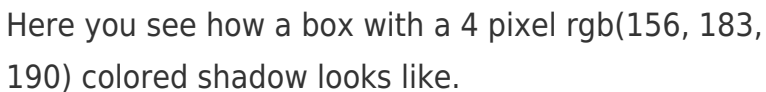
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 183, 190) }
```

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

```
.border{ border-color:rgb(156, 183, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 183, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 183, 190); box-shadow:4px 4px 4px 4px rgb(156, 183, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6526, 0.2856, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 183, 190) }
```

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

```
.background{ background-color: rgb(156,  
183, 190) }
```

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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