

Converting Colors

$Yxy(44.9009, 0.2893, 0.3130)$

Have a look what the booklet for
Yxy(44.9009, 0.2893, 0.3130)
contains.

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Color

Yxy(44.7905, 0.2896, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	A4B5C1
RGB	164, 181, 193
RGB Percent	64%, 71%, 76%
CMY	0.3569, 0.2902, 0.2432
CMYK	0.15, 0.06, 0.00, 0.24
HSL	205°, 19%, 70%
HSV	205°, 15%, 76%
XYZ	41.4552, 44.7905, 56.9007
YIQ	177.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

Format	Color
RYB	164, 175, 193
Decimal	10794433
CIELab	72.75, -3.38, -8.07
CIELCh	73, 8.749, 247.308
Yxy	44.7905, 0.2896, 0.3129
Android (android.graphics.Color)	4288984513 (0xFFA4B5C1)
YUV	177.2850, 7.7475, -11.6509
Hunter-Lab	66.9257, -6.5533, -3.5608

Details

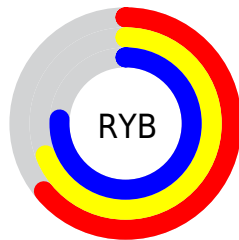
The Yxy color $44.7905, 0.2896, 0.3129$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.0487, 0.3381, 0.3446$, and the grayscale version is $44.0873, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4680, 0.2940, 0.3165$, and $20.7765, 0.2825, 0.3068$ is the 20% darker color. If you saturate the color by 10%, you get $39.7444, 0.2739, 0.3008$, and if you desaturate by 10%, it is $50.3372, 0.3051, 0.3239$.

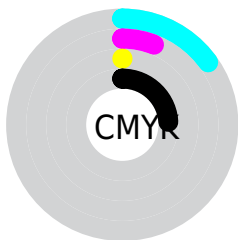
Distribution



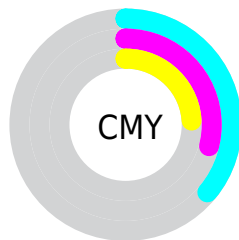
- Red (64%)
- Green (71%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7905, 0.2896, 0.3129 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 44.7905, 0.2896, 0.3129 by changing the saturation by 10% instead.

■ 44.7905, 0.2896,
0.3129

■ 44.7905, 0.2896,
0.3129

365.9244, 0.3012,
0.3211

■ 31.2924, 0.2867,
0.3108

■ 82.4059, 0.2938,
0.3159

■ 20.8216, 0.2830,
0.3082

■ 107.2921, 0.2954,
0.3170

■ 12.9937, 0.2781,
0.3046

136.7431, 0.2967,
0.3179

■ 7.4242, 0.2712,
0.2995

171.1434, 0.2979,
0.3187

■ 3.7288, 0.2609,
0.2918

210.8772, 0.2989,
0.3194

■ 1.5230, 0.2439,
0.2788

256.3291, 0.2997,

■ 0.3049, 0.1472,

0.3201

0.2164

307.8833, 0.3005,
0.3206

0.0000, 0.0000,
0.0000

44.7905, 0.2896,
0.3129

44.7905, 0.2896,
0.3129

39.7444, 0.2739,
0.3008

50.3372, 0.3051,
0.3239

35.1762, 0.2583,
0.2875

56.3950, 0.3201,
0.3338

31.0696, 0.2432,
0.2733

62.9811, 0.3346,
0.3426

27.4050, 0.2289,
0.2582

70.1099, 0.3484,
0.3503

24.1610, 0.2160,
0.2424

76.7419, 0.3573,
0.3575

■ 21.3139, 0.2047,
0.2265

■ 81.0458, 0.3554,
0.3654

■ 18.8366, 0.1955,
0.2105

■ 85.5520, 0.3536,
0.3731

■ 16.6970, 0.1884,
0.1950

■ 90.2632, 0.3518,
0.3806

■ 15.7280, 0.1854,
0.1874

■ 95.1818, 0.3501,
0.3879

Harmonies

Analogous

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



44.7905, 0.2897, 0.3220



44.7905, 0.2896, 0.3129



44.7905, 0.2956, 0.3083

Triad

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



44.7905, 0.2896, 0.3129



44.7905, 0.3299, 0.3245



44.7905, 0.3189, 0.3498

Complementary

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



44.7905, 0.2896, 0.3129



45.0487, 0.3381, 0.3446

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.



44.7905, 0.3299, 0.3501



44.7905, 0.2896, 0.3129



44.7905, 0.3364, 0.3353

Square

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



44.7905, 0.2896, 0.3129



44.7905, 0.3188, 0.3150



44.7905, 0.3363, 0.3447



44.7905, 0.3064, 0.3437

Rectangle

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



44.7905, 0.2896, 0.3129



44.7905, 0.3023, 0.3083



44.7905, 0.3363, 0.3447



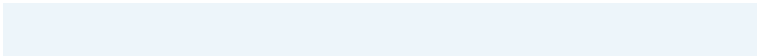
44.7905, 0.3229, 0.3506

Sweetspot

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



44.7924, 0.2896, 0.3129



90.1185, 0.3050, 0.3238



49.1407, 0.3024, 0.3524



19.1762, 0.3039, 0.3231



97.7402, 0.3127, 0.3290



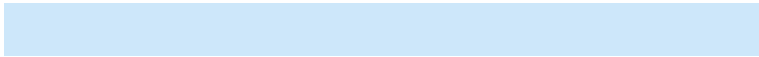
20.4902, 0.3127, 0.3290

Same Dimension

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



44.7924, 0.2896, 0.3129



77.1992, 0.2845, 0.3091



39.3362, 0.2889, 0.2934



10.7086, 0.2984, 0.3193



10.6239, 0.1859, 0.1893



0.5922, 0.1955, 0.2238

Inverse Universe

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



41.2177, 0.3249, 0.3071



69.7170, 0.3280, 0.3022



50.8770, 0.3355, 0.3622



10.1749, 0.3199, 0.3156



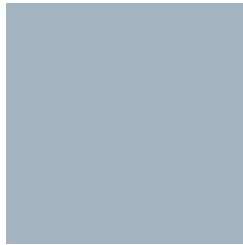
8.3547, 0.4575, 0.2294



0.3744, 0.4192, 0.2083

Previews

White Background



This preview shows how the Yxy color 44.7905, 0.2896, 0.3129 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 44.7905, 0.2896, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

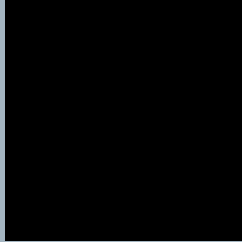
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

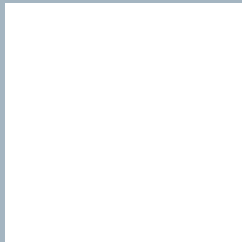
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7905, 0.2896, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 44.7905, 0.2896, 0.3129.



This preview shows how white text looks on a background with the Yxy color 44.7905, 0.2896, 0.3129.

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

44.7905, 0.2896, 0.3129

Protanopia

44.6708, 0.3025, 0.3107

Deuteranopia

44.5186, 0.3079, 0.3011



Tritanopia

44.8804, 0.2882, 0.3102

Trichromacy



Original Color

44.7905, 0.2896, 0.3129

Protanomaly

44.5308, 0.2975, 0.3105

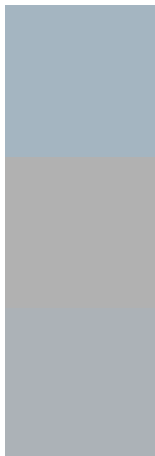
Deuteranomaly

44.5294, 0.3010, 0.3056

Tritanomaly

44.8353, 0.2889, 0.3116

Monochromacy



Original Color

44.7905, 0.2896, 0.3129

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0303, 0.3036, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7905, 0.2896, 0.3129 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(164, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 181, 193)  
}
```

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(164, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 181, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.7905, 0.2896, 0.3129 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(164, 181, 193) }
```

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

```
.border{ border-color:rgb(164, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 181,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7905, 0.2896, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 181, 193) }
```

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

```
.background{ background-color: rgb(164,  
181, 193) }
```

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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