

Converting Colors

$Yxy(44.6193, 0.2976, 0.3214)$

Have a look what the booklet for
Yxy(44.6193, 0.2976, 0.3214)
contains.

Yxy(44.5125, 0.2980, 0.3209)	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(44.5125, 0.2980, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	A8B4BA
RGB	168, 180, 186
RGB Percent	66%, 71%, 73%
CMY	0.3411, 0.2941, 0.2706
CMYK	0.10, 0.03, 0.00, 0.27
HSL	200°, 12%, 69%
HSV	200°, 10%, 73%
XYZ	41.3360, 44.5125, 52.8629
YIQ	177.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

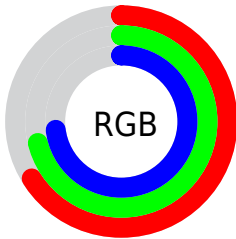
Format	Color
R_{YB}	168, 175, 186
Decimal	11056314
CIE Lab	72.57, -2.95, -4.48
CIE LCh	73, 5.365, 236.700
Yxy	44.5125, 0.2980, 0.3209
Android (android.graphics.Color)	4289246394 (0xFFA8B4BA)
YUV	177.0960, 4.3897, -7.9772
Hunter-Lab	66.7177, -6.1634, -0.2753

Details

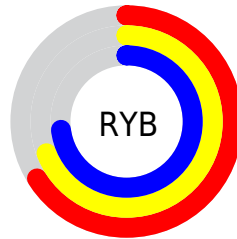
The Yxy color **44.5125, 0.2980, 0.3209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5472, 0.3285, 0.3370**, and the grayscale version is **44.0023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0897, 0.3006, 0.3227**, and **20.5852, 0.2937, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **40.1663, 0.2827, 0.3117**, and if you desaturate by 10%, it is **49.2667, 0.3132, 0.3293**.

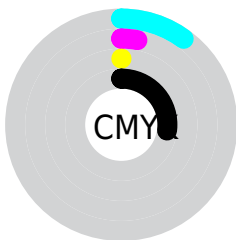
Distribution



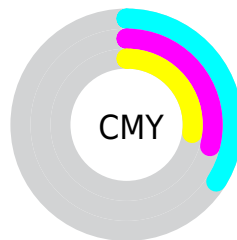
- Red (66%)
- Green (71%)
- Blue (73%)



- Red (66%)
- Yellow (69%)
- Blue (73%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (34%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5125, 0.2980, 0.3209 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 44.5125, 0.2980, 0.3209 by changing the saturation by 10% instead.


 44.5125, 0.2980,
0.3209

 44.5125, 0.2980,
0.3209

364.7956, 0.3054,
0.3250

 31.0736, 0.2961,
0.3199


 81.9884, 0.3007,
0.3224

 20.6549, 0.2938,
0.3185


 106.7942, 0.3017,
0.3230

 12.8720, 0.2906,
0.3167


136.1577, 0.3026,
0.3235

 7.3405, 0.2861,
0.3141

170.4634, 0.3033,
0.3239

 3.6759, 0.2793,
0.3101

210.0956, 0.3039,
0.3242

 1.4940, 0.2680,
0.3032

255.4388, 0.3045,

 0.2845, 0.1794,

0.3245

0.2572

306.8773, 0.3050,
0.3248

0.0000, 0.0000,
0.0000

44.5125, 0.2980,
0.3209

44.5125, 0.2980,
0.3209

40.1663, 0.2827,
0.3117

49.2667, 0.3132,
0.3293

36.2086, 0.2675,
0.3015

54.4362, 0.3281,
0.3368

32.6268, 0.2528,
0.2906

60.0354, 0.3426,
0.3434

29.4048, 0.2390,
0.2790

66.0760, 0.3564,
0.3493

26.5257, 0.2264,
0.2668

71.4088, 0.3649,
0.3550

■ 23.9705, 0.2154,
0.2542

■ 74.5532, 0.3632,
0.3612

■ 21.7178, 0.2062,
0.2415

■ 77.8179, 0.3616,
0.3673

■ 19.7429, 0.1990,
0.2289

■ 81.2043, 0.3600,
0.3733

■ 17.9990, 0.1935,
0.2164

■ 84.7137, 0.3584,
0.3793

Harmonies

Analogous

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



44.5125, 0.2994, 0.3272



44.5125, 0.2980, 0.3209



44.5125, 0.3005, 0.3169

Triad

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



44.5125, 0.2980, 0.3209



44.5125, 0.3211, 0.3240



44.5125, 0.3192, 0.3422

Complementary

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



44.5125, 0.2980, 0.3209



43.5472, 0.3285, 0.3370

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.



44.5125, 0.3251, 0.3412



44.5125, 0.2980, 0.3209



44.5125, 0.3262, 0.3306

Square

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



44.5125, 0.2980, 0.3209



44.5125, 0.3137, 0.3187



44.5125, 0.3277, 0.3369



44.5125, 0.3116, 0.3396

Rectangle

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



44.5125, 0.2980, 0.3209



44.5125, 0.3040, 0.3160



44.5125, 0.3277, 0.3369



44.5125, 0.3214, 0.3423

Sweetspot

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



44.5144, 0.2980, 0.3209



86.3021, 0.3081, 0.3265



46.4993, 0.3070, 0.3452



18.8500, 0.3069, 0.3259



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.5144, 0.2980, 0.3209



78.6219, 0.2941, 0.3186



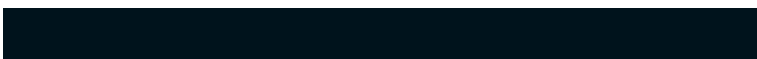
41.0067, 0.2979, 0.3086



9.6920, 0.2985, 0.3212



12.2139, 0.1938, 0.2176



0.5394, 0.2027, 0.2497

Inverse Universe

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



41.7488, 0.3189, 0.3133



72.4581, 0.3207, 0.3091



47.1329, 0.3273, 0.3486



9.1104, 0.3187, 0.3139



8.0153, 0.4258, 0.2119



0.2935, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 44.5125, 0.2980, 0.3209 looks on a white background.

Color Contrast Check

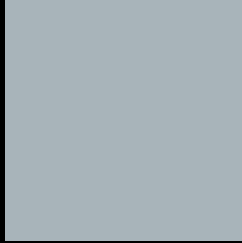
Large Text (above 18pt) WCAG AA × Fail

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 44.5125, 0.2980, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

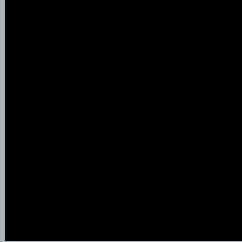
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

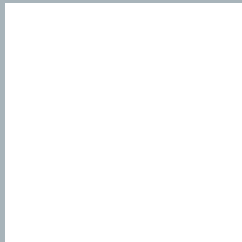
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5125, 0.2980, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 44.5125, 0.2980, 0.3209.



This preview shows how white text looks on a background with the Yxy color 44.5125, 0.2980, 0.3209.

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

44.5125, 0.2980, 0.3209

Protanopia

44.4887, 0.3088, 0.3198

Deuteranopia

44.5514, 0.3171, 0.3112



Tritanopia

44.5255, 0.2935, 0.3104

Trichromacy



Original Color

44.5125, 0.2980, 0.3209

Protanomaly

44.4575, 0.3046, 0.3197

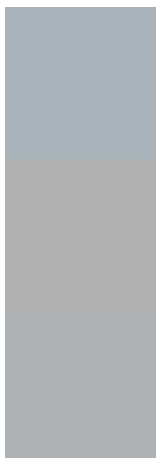
Deuteranomaly

44.7058, 0.3099, 0.3147

Tritanomaly

44.3929, 0.2958, 0.3143

Monochromacy



Original Color

44.5125, 0.2980, 0.3209

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1347, 0.3077, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5125, 0.2980, 0.3209 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(168, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(168, 180, 186)  
}
```

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(168, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.5125, 0.2980, 0.3209 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(168, 180, 186) }
```

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

```
.border{ border-color:rgb(168, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(168, 180,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5125, 0.2980, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 180, 186) }
```

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

```
.background{ background-color: rgb(168,  
180, 186) }
```

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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