

Converting Colors

$Y_{xy}(45.2750, 0.2966, 0.3236)$

Have a look what the booklet for
Yxy(45.2750, 0.2966, 0.3236)
contains.

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Color

Yxy(45.1081, 0.2964, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	A6B6BA
RGB	166, 182, 186
RGB Percent	65%, 71%, 73%
CMY	0.3490, 0.2863, 0.2707
CMYK	0.11, 0.02, 0.00, 0.27
HSL	192°, 13%, 69%
HSV	192°, 11%, 73%
XYZ	41.3166, 45.1081, 52.9700
YIQ	177.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

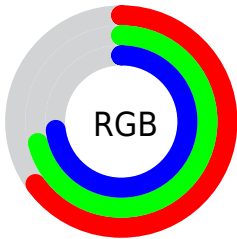
Format	Color
R_{YB}	166, 175, 186
Decimal	10925754
CIE _{Lab}	72.96, -4.70, -3.91
CIE _{LCh}	73, 6.115, 219.772
Yxy	45.1081, 0.2964, 0.3236
Android (android.graphics.Color)	4289115834 (0xFFA6B6BA)
YUV	177.6720, 4.1057, -10.2363
Hunter-Lab	67.1626, -7.7262, 0.2528

Details

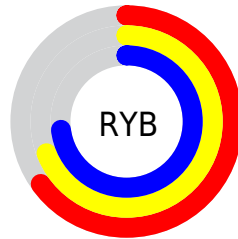
The Yxy color **45.1081, 0.2964, 0.3236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9345, 0.3309, 0.3343**, and the grayscale version is **44.3221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9320, 0.2993, 0.3248**, and **20.9714, 0.2916, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **41.7468, 0.2815, 0.3181**, and if you desaturate by 10%, it is **48.8039, 0.3116, 0.3287**.

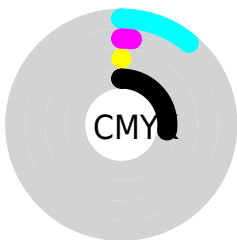
Distribution



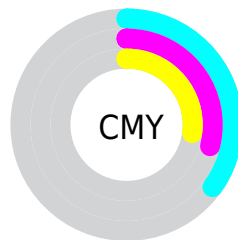
- Red (65%)
- Green (71%)
- Blue (73%)



- Red (65%)
- Yellow (69%)
- Blue (73%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1081, 0.2964, 0.3236 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 45.1081, 0.2964, 0.3236 by changing the saturation by 10% instead.

■ 45.1081, 0.2964,
0.3236

■ 45.1081, 0.2964,
0.3236

■ 367.2112, 0.3046,
0.3264

■ 31.5426, 0.2944,
0.3229

■ 82.8826, 0.2994,
0.3246

■ 21.0124, 0.2917,
0.3220

■ 107.8604, 0.3005,
0.3250

■ 13.1330, 0.2882,
0.3207

■ 137.4110, 0.3014,
0.3253

■ 7.5202, 0.2833,
0.3189

■ 171.9189, 0.3022,
0.3256

■ 3.7895, 0.2759,
0.3161

■ 211.7685, 0.3029,
0.3258

■ 1.5565, 0.2637,
0.3113

■ 257.3442, 0.3036,

■ 0.3280, 0.1705,

0.3260

0.2838

309.0303, 0.3041,
0.3262

0.0000, 0.0000,
0.0000

45.1081, 0.2964,
0.3236

45.1081, 0.2964,
0.3236

41.7468, 0.2815,
0.3181

48.8039, 0.3116,
0.3287

38.7017, 0.2672,
0.3121

52.8405, 0.3268,
0.3332

35.9609, 0.2539,
0.3057

57.2311, 0.3419,
0.3373

33.5098, 0.2417,
0.2990

61.9866, 0.3567,
0.3409

31.3323, 0.2311,
0.2920

66.3501, 0.3677,
0.3443

■ 29.4105, 0.2222,
0.2848

■ 68.0913, 0.3667,
0.3480

■ 27.7241, 0.2151,
0.2776

■ 69.8744, 0.3657,
0.3518

■ 26.2490, 0.2100,
0.2704

■ 71.6996, 0.3647,
0.3556

■ 25.0267, 0.2066,
0.2638

■ 73.5672, 0.3637,
0.3593

Harmonies

Analogous

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



45.1081, 0.3004, 0.3314



45.1081, 0.2964, 0.3236



45.1081, 0.2967, 0.3174

Triad

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



45.1081, 0.2964, 0.3236



45.1081, 0.3177, 0.3197



45.1081, 0.3242, 0.3439

Complementary

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



45.1081, 0.2964, 0.3236



41.9345, 0.3309, 0.3343

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.



45.1081, 0.3290, 0.3404



45.1081, 0.2964, 0.3236



45.1081, 0.3252, 0.3265

Square

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



45.1081, 0.2964, 0.3236



45.1081, 0.3089, 0.3153



45.1081, 0.3293, 0.3341



45.1081, 0.3164, 0.3432

Rectangle

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



45.1081, 0.2964, 0.3236



45.1081, 0.2993, 0.3150



45.1081, 0.3293, 0.3341



45.1081, 0.3262, 0.3431

Sweetspot

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



45.1100, 0.2964, 0.3236



86.8794, 0.3081, 0.3275



46.1065, 0.3086, 0.3513



19.0104, 0.3068, 0.3271



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.



45.1100, 0.2964, 0.3236



80.2194, 0.2927, 0.3223



41.2855, 0.2962, 0.3104



9.8987, 0.2985, 0.3243



16.9487, 0.2069, 0.2647



0.6759, 0.2120, 0.2831

Inverse Universe

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



41.0911, 0.3173, 0.3081



71.4447, 0.3185, 0.3031



45.6934, 0.3294, 0.3470



9.1313, 0.3167, 0.3109



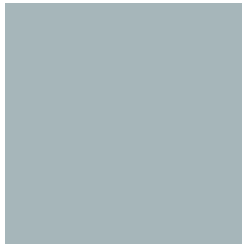
8.4933, 0.3778, 0.1855



0.3073, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 45.1081, 0.2964, 0.3236 looks on a white background.

Color Contrast Check

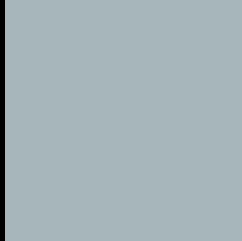
Large Text (above 18pt) WCAG AA × Fail

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 45.1081, 0.2964, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

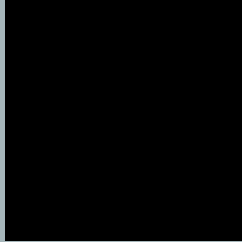
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

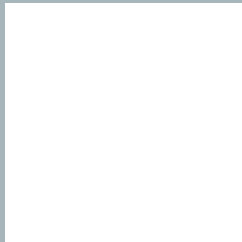
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1081, 0.2964, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 45.1081, 0.2964, 0.3236.



This preview shows how white text looks on a background with the Yxy color 45.1081, 0.2964, 0.3236.

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

45.1081, 0.2964, 0.3236

Protanopia

45.1252, 0.3105, 0.3211

Deuteranopia

45.1094, 0.3171, 0.3113



Tritanopia

45.3127, 0.2913, 0.3104

Trichromacy



Original Color

45.1081, 0.2964, 0.3236

Protanomaly

44.9731, 0.3054, 0.3211

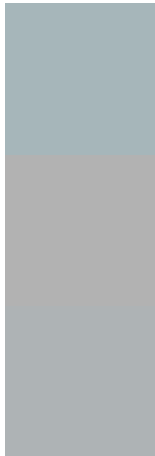
Deuteranomaly

45.0994, 0.3099, 0.3160

Tritanomaly

45.0690, 0.2927, 0.3143

Monochromacy



Original Color

45.1081, 0.2964, 0.3236

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5751, 0.3068, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1081, 0.2964, 0.3236 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(166, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(166, 182, 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(166, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 182, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.1081, 0.2964, 0.3236 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(166, 182, 186) }
```

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

```
.border{ border-color:rgb(166, 182, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 182, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 182, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 182, 186); box-shadow:4px 4px 4px 4px rgb(166, 182, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1081, 0.2964, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 182, 186) }
```

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

```
.background{ background-color: rgb(166,  
182, 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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