

Converting Colors

$Yxy(46.1028, 0.2966, 0.3223)$

Have a look what the booklet for
Yxy(46.1028, 0.2966, 0.3223)
contains.

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Color

Yxy(45.9328, 0.2973, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	A9B7BC
RGB	169, 183, 188
RGB Percent	66%, 72%, 74%
CMY	0.3373, 0.2823, 0.2627
CMYK	0.10, 0.03, 0.00, 0.26
HSL	196°, 12%, 70%
HSV	196°, 10%, 74%
XYZ	42.3699, 45.9328, 54.2130
YIQ	179.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

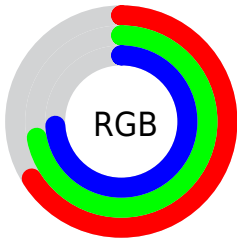
Format	Color
R _Y B	169, 177, 188
Decimal	11122620
CIE Lab	73.50, -3.83, -4.20
CIE LCh	74, 5.688, 227.656
Yxy	45.9328, 0.2973, 0.3223
Android (android.graphics.Color)	4289312700 (0xFFA9B7BC)
YUV	179.3840, 4.2477, -9.1068
Hunter-Lab	67.7737, -7.0117, 0.0149

Details

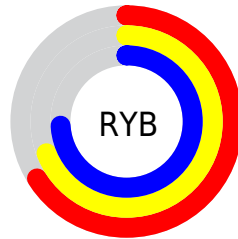
The Yxy color **45.9328, 0.2973, 0.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8199, 0.3296, 0.3356**, and the grayscale version is **45.2752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1120, 0.3000, 0.3238**, and **21.4964, 0.2929, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **42.0011, 0.2822, 0.3150**, and if you desaturate by 10%, it is **50.2388, 0.3125, 0.3289**.

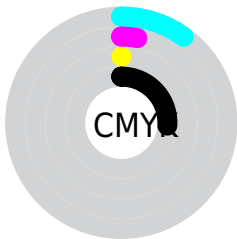
Distribution



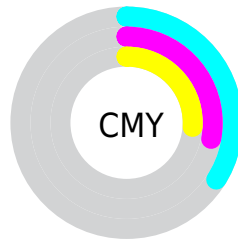
- Red (66%)
- Green (72%)
- Blue (74%)



- Red (66%)
- Yellow (69%)
- Blue (74%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)




- Cyan (34%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9328, 0.2973, 0.3223 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 45.9328, 0.2973, 0.3223 by changing the saturation by 10% instead.


 45.9328, 0.2973,
0.3223


 45.9328, 0.2973,
0.3223

370.5384, 0.3050,
0.3257

 32.1928, 0.2954,
0.3214


 84.1184, 0.3001,
0.3236

 21.5088, 0.2929,
0.3203


 109.3328, 0.3011,
0.3240

 13.4964, 0.2896,
0.3188


139.1408, 0.3020,
0.3244

 7.7713, 0.2851,
0.3167

173.9268, 0.3028,
0.3247

 3.9489, 0.2782,
0.3134

214.0751, 0.3035,
0.3250

 1.6450, 0.2669,
0.3078

259.9703, 0.3040,

 0.3877, 0.1994,

0.3253

0.2812

311.9966, 0.3045,
0.3255

0.0000, 0.0000,
0.0000

45.9328, 0.2973,
0.3223

45.9328, 0.2973,
0.3223

42.0011, 0.2822,
0.3150

50.2388, 0.3125,
0.3289

38.4245, 0.2675,
0.3071

54.9261, 0.3276,
0.3349

35.1906, 0.2535,
0.2986

60.0085, 0.3424,
0.3402

32.2840, 0.2405,
0.2896

65.4974, 0.3568,
0.3449

29.6877, 0.2289,
0.2801

69.8578, 0.3642,
0.3495

■ 27.3832, 0.2190,
0.2704

■ 72.2992, 0.3629,
0.3545

■ 25.3491, 0.2109,
0.2606

■ 74.8161, 0.3617,
0.3594

■ 23.5607, 0.2048,
0.2509

■ 77.4093, 0.3604,
0.3643

■ 21.9867, 0.2004,
0.2413

■ 80.0795, 0.3592,
0.3692

Harmonies

Analogous

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



45.9328, 0.3000, 0.3293



45.9328, 0.2973, 0.3223



45.9328, 0.2987, 0.3172

Triad

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



45.9328, 0.2973, 0.3223



45.9328, 0.3193, 0.3219



45.9328, 0.3216, 0.3430

Complementary

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



45.9328, 0.2973, 0.3223



43.8199, 0.3296, 0.3356

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.



45.9328, 0.3269, 0.3407



45.9328, 0.2973, 0.3223



45.9328, 0.3256, 0.3285

Square

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



45.9328, 0.2973, 0.3223



45.9328, 0.3113, 0.3171



45.9328, 0.3284, 0.3354



45.9328, 0.3140, 0.3414

Rectangle

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



45.9328, 0.2973, 0.3223



45.9328, 0.3017, 0.3156



45.9328, 0.3284, 0.3354



45.9328, 0.3237, 0.3426

Sweetspot

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



45.9347, 0.2973, 0.3223



88.6874, 0.3081, 0.3271



47.4480, 0.3079, 0.3482



18.9344, 0.3068, 0.3265



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.



45.9347, 0.2973, 0.3223



81.7084, 0.2941, 0.3208



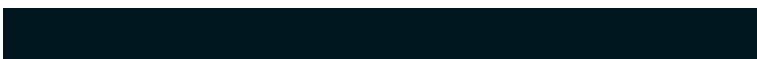
42.2347, 0.2972, 0.3097



10.3738, 0.2985, 0.3228



15.0946, 0.2007, 0.2425



0.6924, 0.2071, 0.2657

Inverse Universe

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



42.4803, 0.3181, 0.3108



74.3129, 0.3193, 0.3070



47.5265, 0.3282, 0.3476



9.6523, 0.3177, 0.3122



8.5535, 0.3997, 0.1976



0.3453, 0.3770, 0.1850

Previews

White Background



This preview shows how the Yxy color 45.9328, 0.2973, 0.3223 looks on a white background.

Color Contrast Check

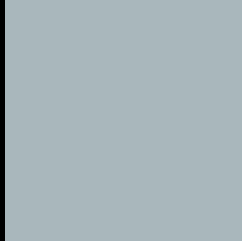
Large Text (above 18pt) WCAG AA × Fail

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 45.9328, 0.2973, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

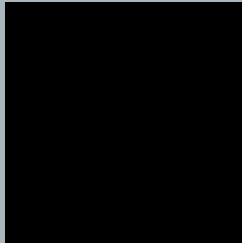
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

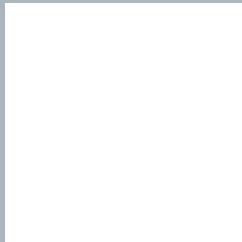
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9328, 0.2973, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 45.9328, 0.2973, 0.3223.



This preview shows how white text looks on a background with the Yxy color 45.9328, 0.2973, 0.3223.

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

45.9328, 0.2973, 0.3223

Protanopia

45.7305, 0.3097, 0.3199

Deuteranopia

45.8470, 0.3171, 0.3102



Tritanopia

45.9875, 0.2922, 0.3106

Trichromacy



Original Color

45.9328, 0.2973, 0.3223

Protanomaly

45.5775, 0.3047, 0.3198

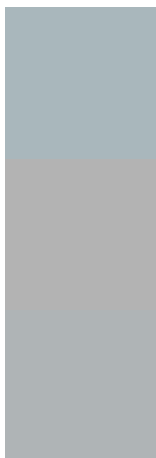
Deuteranomaly

45.8292, 0.3099, 0.3149

Tritanomaly

45.8522, 0.2944, 0.3144

Monochromacy



Original Color

45.9328, 0.2973, 0.3223

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1339, 0.3069, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9328, 0.2973, 0.3223 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(169, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 183, 188)  
}
```

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(169, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 183, 188) }
```

Border

The CSS property to change the border of an element to Yxy 45.9328, 0.2973, 0.3223 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(169, 183, 188) }
```

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

```
.border{ border-color:rgb(169, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 183,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9328, 0.2973, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 183, 188) }
```

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

```
.background{ background-color: rgb(169,  
183, 188) }
```

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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