

Converting Colors

$Y_{xy}(45.0237, 0.2928, 0.3196)$

Have a look what the booklet for
Yxy(45.0237, 0.2928, 0.3196)
contains.

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Color

Yxy(45.0225, 0.2926, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	A4B6BD
RGB	164, 182, 189
RGB Percent	64%, 71%, 74%
CMY	0.3566, 0.2863, 0.2588
CMYK	0.13, 0.04, 0.00, 0.26
HSL	197°, 16%, 69%
HSV	197°, 13%, 74%
XYZ	41.2319, 45.0225, 54.6611
YIQ	177.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

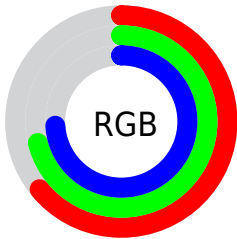
Format	Color
RYB	164, 174, 189
Decimal	10794685
CIELab	72.91, -4.72, -5.67
CIELCh	73, 7.372, 230.224
Yxy	45.0225, 0.2926, 0.3195
Android (android.graphics.Color)	4288984765 (0xFFA4B6BD)
YUV	177.4160, 5.7109, -11.7658
Hunter-Lab	67.0988, -7.7356, -1.3306

Details

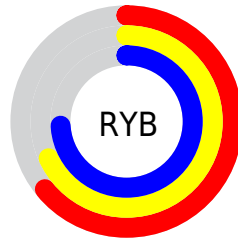
The Yxy color **45.0225, 0.2926, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.6542, 0.3353, 0.3383**, and the grayscale version is **44.1767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8017, 0.2963, 0.3217**, and **20.9228, 0.2865, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **41.0246, 0.2775, 0.3115**, and if you desaturate by 10%, it is **49.4056, 0.3079, 0.3268**.

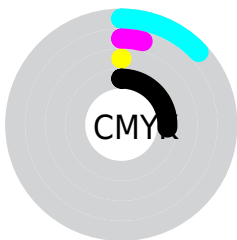
Distribution



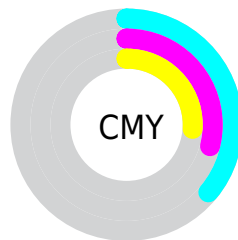
- Red (64%)
- Green (71%)
- Blue (74%)



- Red (64%)
- Yellow (68%)
- Blue (74%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0225, 0.2926, 0.3195 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 45.0225, 0.2926, 0.3195 by changing the saturation by 10% instead.

■ 45.0225, 0.2926,
0.3195

■ 45.0225, 0.2926,
0.3195

■ 366.8647, 0.3027,
0.3244

■ 31.4751, 0.2901,
0.3183

■ 82.7542, 0.2963,
0.3213

■ 20.9609, 0.2869,
0.3166

■ 107.7073, 0.2976,
0.3219

■ 13.0954, 0.2826,
0.3145

■ 137.2311, 0.2988,
0.3225

■ 7.4943, 0.2765,
0.3114

■ 171.7100, 0.2998,
0.3230

■ 3.7731, 0.2675,
0.3066

■ 211.5285, 0.3007,
0.3234

■ 1.5475, 0.2527,
0.2985

■ 257.0708, 0.3014,

■ 0.3218, 0.1515,

0.3238

0.2556

308.7214, 0.3021,
0.3241

0.0000, 0.0000,
0.0000

45.0225, 0.2926,
0.3195

45.0225, 0.2926,
0.3195

41.0246, 0.2775,
0.3115

49.4056, 0.3079,
0.3268

37.3922, 0.2628,
0.3028

54.1815, 0.3230,
0.3334

34.1123, 0.2489,
0.2934

59.3646, 0.3378,
0.3393

31.1685, 0.2361,
0.2836

64.9668, 0.3522,
0.3445

28.5431, 0.2248,
0.2733

70.3179, 0.3632,
0.3493

■ 26.2162, 0.2151,
0.2628

■ 72.9617, 0.3619,
0.3547

■ 24.1653, 0.2074,
0.2523

■ 75.6932, 0.3605,
0.3600

■ 22.3634, 0.2017,
0.2418

■ 78.5133, 0.3592,
0.3652

■ 21.2447, 0.1985,
0.2347

■ 81.4227, 0.3579,
0.3704

Harmonies

Analogous

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



45.0225, 0.2956, 0.3285



45.0225, 0.2926, 0.3195



45.0225, 0.2948, 0.3133

Triad

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



45.0225, 0.2926, 0.3195



45.0225, 0.3222, 0.3204



45.0225, 0.3235, 0.3473

Complementary

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



45.0225, 0.2926, 0.3195



42.6542, 0.3353, 0.3383

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.



45.0225, 0.3309, 0.3447



45.0225, 0.2926, 0.3195



45.0225, 0.3301, 0.3291

Square

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



45.0225, 0.2926, 0.3195



45.0225, 0.3118, 0.3139



45.0225, 0.3333, 0.3380



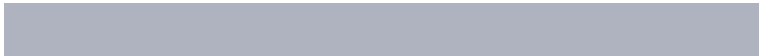
45.0225, 0.3134, 0.3448

Rectangle

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



45.0225, 0.2926, 0.3195



45.0225, 0.2990, 0.3114



45.0225, 0.3333, 0.3380



45.0225, 0.3264, 0.3470

Sweetspot

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



45.0244, 0.2926, 0.3195



87.7762, 0.3065, 0.3262



47.2237, 0.3061, 0.3540



18.7443, 0.3054, 0.3257



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.



45.0244, 0.2926, 0.3195



78.3748, 0.2880, 0.3171



40.2771, 0.2922, 0.3028



10.3437, 0.2985, 0.3224



14.4283, 0.1989, 0.2361



0.6705, 0.2058, 0.2609

Inverse Universe

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



40.7680, 0.3203, 0.3057



69.2705, 0.3223, 0.3001



47.4433, 0.3332, 0.3539



9.6493, 0.3179, 0.3126



8.4862, 0.4064, 0.2012



0.3431, 0.3815, 0.1875

Previews

White Background



This preview shows how the Yxy color 45.0225, 0.2926, 0.3195 looks on a white background.

Color Contrast Check

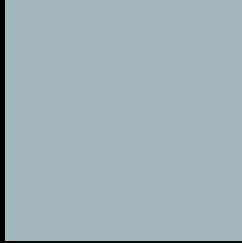
Large Text (above 18pt) WCAG AA × Fail

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 45.0225, 0.2926, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

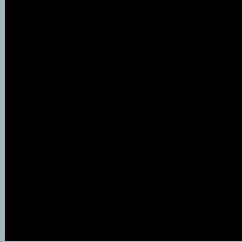
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

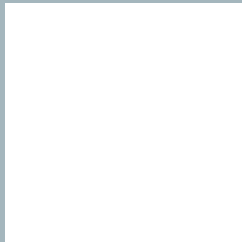
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0225, 0.2926, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 45.0225, 0.2926, 0.3195.



This preview shows how white text looks on a background with the Yxy color 45.0225, 0.2926, 0.3195.

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

45.0225, 0.2926, 0.3195

Protanopia

45.0893, 0.3080, 0.3185

Deuteranopia

45.1101, 0.3137, 0.3075



Tritanopia

44.9872, 0.2889, 0.3103

Trichromacy



Original Color

45.0225, 0.2926, 0.3195

Protanomaly

44.8267, 0.3022, 0.3184

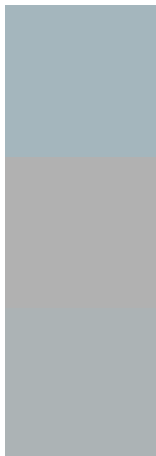
Deuteranomaly

44.9857, 0.3058, 0.3121

Tritanomaly

44.8973, 0.2904, 0.3129

Monochromacy



Original Color

45.0225, 0.2926, 0.3195

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3471, 0.3052, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0225, 0.2926, 0.3195 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, 182, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 189)  
}
```

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, 182, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 189) }
```

Border

The CSS property to change the border of an element to Yxy 45.0225, 0.2926, 0.3195 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, 182, 189) }
```

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

```
.border{ border-color:rgb(164, 182, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 182, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 182, 189); box-shadow:4px 4px 4px 4px rgb(164, 182, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0225, 0.2926, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 189) }
```

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

```
.background{ background-color: rgb(164,  
182, 189) }
```

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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