

Converting Colors

$Yxy(46.1387, 0.2933, 0.3255)$

Have a look what the booklet for
Yxy(46.1387, 0.2933, 0.3255)
contains.

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Color

Yxy(46.1153, 0.2926, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	A3B9BC
RGB	163, 185, 188
RGB Percent	64%, 73%, 74%
CMY	0.3608, 0.2745, 0.2627
CMYK	0.13, 0.02, 0.00, 0.26
HSL	187°, 16%, 69%
HSV	187°, 13%, 74%
XYZ	41.5307, 46.1153, 54.2909
YIQ	178.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

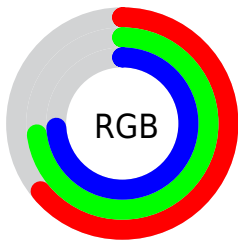
Format	Color
R_{YB}	163, 175, 188
Decimal	10729916
CIE _{Lab}	73.62, -6.88, -4.08
CIE _{LCh}	74, 7.997, 210.643
Yxy	46.1153, 0.2926, 0.3249
Android (android.graphics.Color)	4288919996 (0xFFA3B9BC)
YUV	178.7640, 4.5533, -13.8250
Hunter-Lab	67.9082, -9.6739, 0.1350

Details

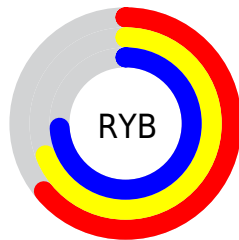
The Yxy color **46.1153, 0.2926, 0.3249** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6101, 0.3362, 0.3331**, and the grayscale version is **44.9293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3477, 0.2963, 0.3258**, and **21.6313, 0.2867, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **43.3412, 0.2781, 0.3215**, and if you desaturate by 10%, it is **49.2032, 0.3077, 0.3280**.

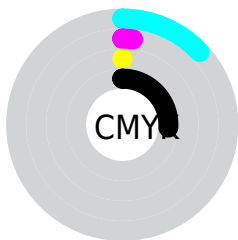
Distribution



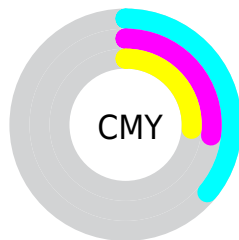
- Red (64%)
- Green (73%)
- Blue (74%)



- Red (64%)
- Yellow (69%)
- Blue (74%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1153, 0.2926, 0.3249 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 46.1153, 0.2926, 0.3249 by changing the saturation by 10% instead.

■ 46.1153, 0.2926,
0.3249

■ 46.1153, 0.2926,
0.3249

371.2720, 0.3026,
0.3270

■ 32.3368, 0.2901,
0.3243

■ 84.3915, 0.2962,
0.3257

■ 21.6189, 0.2869,
0.3236

■ 109.6581, 0.2976,
0.3260

■ 13.5771, 0.2827,
0.3226

139.5227, 0.2988,
0.3262

■ 7.8272, 0.2767,
0.3212

174.3699, 0.2998,
0.3264

■ 3.9845, 0.2679,
0.3189

214.5841, 0.3006,
0.3266

■ 1.6649, 0.2535,
0.3149

260.5495, 0.3014,

■ 0.4008, 0.1595,

0.3268

0.3002

312.6507, 0.3020,
0.3269

0.0000, 0.0000,
0.0000

46.1153, 0.2926,
0.3249

46.1153, 0.2926,
0.3249

43.3412, 0.2781,
0.3215

49.2032, 0.3077,
0.3280

40.8622, 0.2646,
0.3179

52.6115, 0.3231,
0.3309

38.6661, 0.2523,
0.3140

56.3535, 0.3385,
0.3334

36.7378, 0.2414,
0.3100

60.4403, 0.3538,
0.3357

35.0606, 0.2322,
0.3059

64.5000, 0.3672,
0.3378

■ 33.6158, 0.2249,
0.3017

■ 65.5277, 0.3666,
0.3401

■ 32.3819, 0.2194,
0.2975

■ 66.5707, 0.3660,
0.3424

■ 31.3332, 0.2158,
0.2934

■ 67.6291, 0.3654,
0.3447

■ 30.7000, 0.2141,
0.2906

■ 68.7031, 0.3648,
0.3471

Harmonies

Analogous

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



46.1153, 0.2992, 0.3352



46.1153, 0.2926, 0.3249



46.1153, 0.2913, 0.3160

Triad

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



46.1153, 0.2926, 0.3249



46.1153, 0.3157, 0.3148



46.1153, 0.3300, 0.3474

Complementary

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



46.1153, 0.2926, 0.3249



40.6101, 0.3362, 0.3331

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.



46.1153, 0.3346, 0.3416



46.1153, 0.2926, 0.3249



46.1153, 0.3263, 0.3228

Square

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



46.1153, 0.2926, 0.3249



46.1153, 0.3045, 0.3104



46.1153, 0.3333, 0.3325



46.1153, 0.3207, 0.3484

Rectangle

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



46.1153, 0.2926, 0.3249



46.1153, 0.2936, 0.3120



46.1153, 0.3333, 0.3325



46.1153, 0.3322, 0.3460

Sweetspot

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



46.1172, 0.2926, 0.3249



88.7196, 0.3065, 0.3278



46.5053, 0.3089, 0.3595



18.9843, 0.3053, 0.3276



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.



46.1172, 0.2926, 0.3249



82.0280, 0.2882, 0.3239



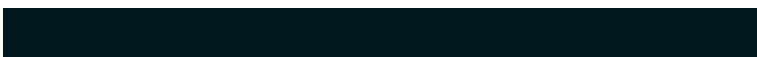
41.1467, 0.2921, 0.3079



10.6087, 0.2985, 0.3262



20.9733, 0.2142, 0.2912



0.8774, 0.2170, 0.3010

Inverse Universe

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



40.3902, 0.3168, 0.3004



69.6393, 0.3179, 0.2939



45.3447, 0.3340, 0.3493



9.6760, 0.3155, 0.3091



9.1470, 0.3533, 0.1720



0.3639, 0.3445, 0.1672

Previews

White Background



This preview shows how the Yxy color 46.1153, 0.2926, 0.3249 looks on a white background.

Color Contrast Check

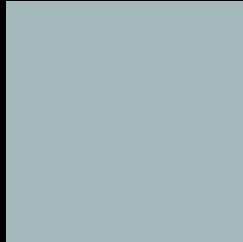
Large Text (above 18pt) WCAG AA × Fail

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 46.1153, 0.2926, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

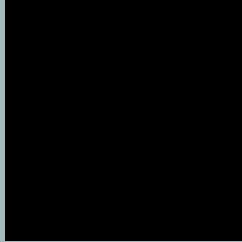
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

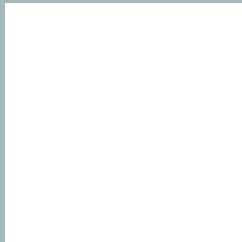
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1153, 0.2926, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 46.1153, 0.2926, 0.3249.



This preview shows how white text looks on a background with the Yxy color 46.1153, 0.2926, 0.3249.

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

46.1153, 0.2926, 0.3249

Protanopia

46.0904, 0.3105, 0.3225

Deuteranopia

45.8470, 0.3171, 0.3102



Tritanopia

45.9435, 0.2869, 0.3091

Trichromacy



Original Color

46.1153, 0.2926, 0.3249

Protanomaly

46.1150, 0.3037, 0.3237

Deuteranomaly

45.9816, 0.3082, 0.3161

Tritanomaly

46.0685, 0.2890, 0.3156

Monochromacy



Original Color

46.1153, 0.2926, 0.3249

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3094, 0.3052, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1153, 0.2926, 0.3249 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(163, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 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(163, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 188) }
```

Border

The CSS property to change the border of an element to Yxy 46.1153, 0.2926, 0.3249 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(163, 185, 188) }
```

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

```
.border{ border-color:rgb(163, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1153, 0.2926, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 188) }
```

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

```
.background{ background-color: rgb(163,  
185, 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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