

Converting Colors

$Y_{xy}(46.2757, 0.2909, 0.3186)$

Have a look what the booklet for
Yxy(46.2757, 0.2909, 0.3186)
contains.

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Color

Yxy(46.0861, 0.2912, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	A5B8C0
RGB	165, 184, 192
RGB Percent	65%, 72%, 75%
CMY	0.3532, 0.2784, 0.2471
CMYK	0.14, 0.04, 0.00, 0.25
HSL	198°, 18%, 70%
HSV	198°, 14%, 75%
XYZ	42.1623, 46.0861, 56.5398
YIQ	179.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

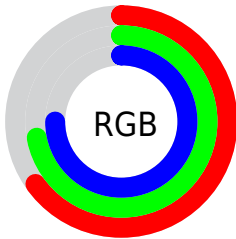
Format	Color
R_{YB}	165, 176, 192
Decimal	10860736
CIE _{Lab}	73.60, -4.88, -6.27
CIE _{LCh}	74, 7.947, 232.074
Yxy	46.0861, 0.2912, 0.3183
Android (android.graphics.Color)	4289050816 (0xFFA5B8C0)
YUV	179.2310, 6.2951, -12.4806
Hunter-Lab	67.8867, -7.9410, -1.8593

Details

The Yxy color **46.0861, 0.2912, 0.3183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7765, 0.3369, 0.3395**, and the grayscale version is **45.1762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3131, 0.2952, 0.3207**, and **21.6074, 0.2849, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **41.8770, 0.2760, 0.3098**, and if you desaturate by 10%, it is **50.7022, 0.3065, 0.3261**.

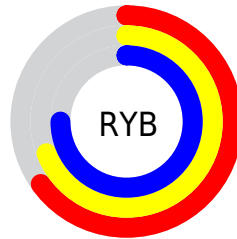
Distribution



Red (65%)

Green (72%)

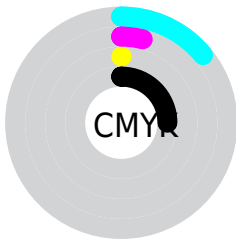
Blue (75%)



Red (65%)

Yellow (69%)

Blue (75%)

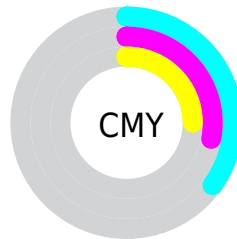


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0861, 0.2912, 0.3183 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 46.0861, 0.2912, 0.3183 by changing the saturation by 10% instead.

■ 46.0861, 0.2912,
0.3183

■ 46.0861, 0.2912,
0.3183

371.1547, 0.3019,
0.3237

■ 32.3138, 0.2885,
0.3169

■ 84.3478, 0.2951,
0.3203

■ 21.6013, 0.2851,
0.3151

■ 109.6060, 0.2965,
0.3210

■ 13.5642, 0.2806,
0.3127

139.4616, 0.2978,
0.3217

■ 7.8182, 0.2743,
0.3093

174.2991, 0.2988,
0.3222

■ 3.9788, 0.2649,
0.3041

214.5027, 0.2998,
0.3227

■ 1.6617, 0.2496,
0.2953

260.4569, 0.3006,

■ 0.3987, 0.1697,

0.3231

0.2605

312.5461, 0.3013,
0.3234

0.0000, 0.0000,
0.0000

46.0861, 0.2912,
0.3183

46.0861, 0.2912,
0.3183

41.8770, 0.2760,
0.3098

50.7022, 0.3065,
0.3261

38.0542, 0.2613,
0.3006

55.7335, 0.3216,
0.3330

34.6040, 0.2473,
0.2907

61.1951, 0.3365,
0.3393

31.5090, 0.2345,
0.2803

67.0995, 0.3509,
0.3448

28.7506, 0.2231,
0.2694

72.3146, 0.3600,
0.3500

■ 26.3076, 0.2134,
0.2583

■ 75.2004, 0.3586,
0.3557

■ 24.1562, 0.2057,
0.2472

■ 78.1864, 0.3573,
0.3613

■ 22.2674, 0.1999,
0.2362

■ 81.2738, 0.3560,
0.3669

■ 21.2423, 0.1971,
0.2297

■ 84.4633, 0.3547,
0.3723

Harmonies

Analogous

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



46.0861, 0.2941, 0.3278



46.0861, 0.2912, 0.3183



46.0861, 0.2939, 0.3119

Triad

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



46.0861, 0.2912, 0.3183



46.0861, 0.3234, 0.3203



46.0861, 0.3237, 0.3486

Complementary

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



46.0861, 0.2912, 0.3183



43.7765, 0.3369, 0.3395

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.



46.0861, 0.3318, 0.3461



46.0861, 0.2912, 0.3183



46.0861, 0.3317, 0.3297

Square

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



46.0861, 0.2912, 0.3183



46.0861, 0.3124, 0.3132



46.0861, 0.3347, 0.3391



46.0861, 0.3127, 0.3456

Rectangle

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



46.0861, 0.2912, 0.3183



46.0861, 0.2986, 0.3101



46.0861, 0.3347, 0.3391



46.0861, 0.3268, 0.3483

Sweetspot

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



46.0880, 0.2912, 0.3183



91.8970, 0.3065, 0.3261



48.6929, 0.3054, 0.3552



19.5730, 0.3054, 0.3255



97.7402, 0.3127, 0.3290



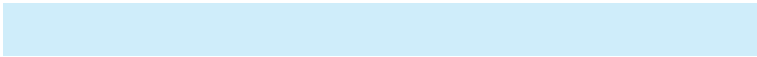
20.4902, 0.3127, 0.3290

Same Dimension

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



46.0880, 0.2912, 0.3183



81.0068, 0.2864, 0.3157



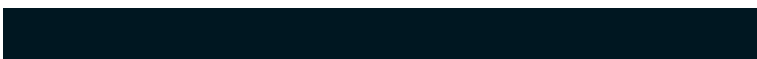
40.8505, 0.2906, 0.3002



10.9106, 0.2984, 0.3221



14.4347, 0.1975, 0.2311



0.7385, 0.2043, 0.2555

Inverse Universe

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



41.5569, 0.3212, 0.3045



71.2698, 0.3234, 0.2988



49.0952, 0.3346, 0.3562



10.1953, 0.3182, 0.3129



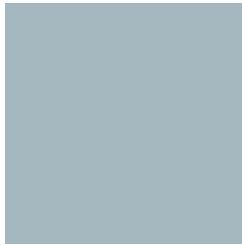
8.7394, 0.4115, 0.2041



0.3892, 0.3868, 0.1904

Previews

White Background



This preview shows how the Yxy color 46.0861, 0.2912, 0.3183 looks on a white background.

Color Contrast Check

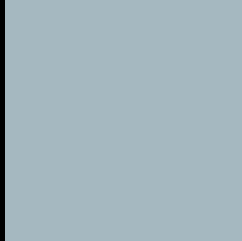
Large Text (above 18pt) WCAG AA × Fail

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 46.0861, 0.2912, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

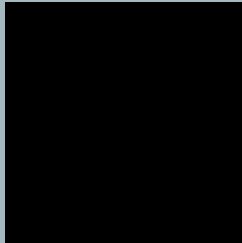
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

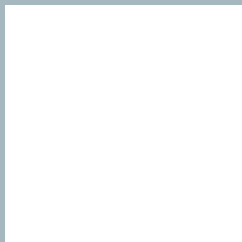
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0861, 0.2912, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 46.0861, 0.2912, 0.3183.



This preview shows how white text looks on a background with the Yxy color 46.0861, 0.2912, 0.3183.

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

46.0861, 0.2912, 0.3183

Protanopia

45.7381, 0.3065, 0.3160

Deuteranopia

45.7615, 0.3121, 0.3051



Tritanopia

46.0512, 0.2877, 0.3092

Trichromacy



Original Color

46.0861, 0.2912, 0.3183

Protanomaly

45.8794, 0.3007, 0.3172

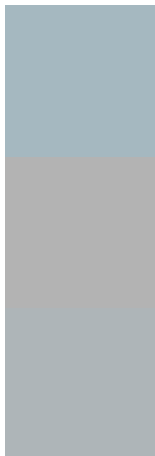
Deuteranomaly

45.6361, 0.3042, 0.3097

Tritanomaly

45.9595, 0.2891, 0.3117

Monochromacy



Original Color

46.0861, 0.2912, 0.3183

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5071, 0.3045, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0861, 0.2912, 0.3183 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(165, 184, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 184, 192)  
}
```

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(165, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 184, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.0861, 0.2912, 0.3183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

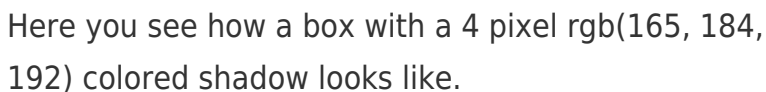
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 184, 192) }
```

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

```
.border{ border-color:rgb(165, 184, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 184,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0861, 0.2912, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 184, 192) }
```

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

```
.background{ background-color: rgb(165,  
184, 192) }
```

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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