

Converting Colors

$Y_{xy}(46.2006, 0.2976, 0.3260)$

Have a look what the booklet for
Yxy(46.2006, 0.2976, 0.3260)
contains.

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Color

Yxy(46.1510, 0.2980, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	A8B8BA
RGB	168, 184, 186
RGB Percent	66%, 72%, 73%
CMY	0.3412, 0.2784, 0.2706
CMYK	0.10, 0.01, 0.00, 0.27
HSL	187°, 12%, 69%
HSV	187°, 10%, 73%
XYZ	42.1483, 46.1510, 53.1380
YIQ	179.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

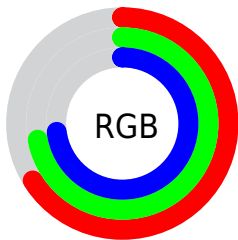
Format	Color
R_{YB}	168, 176, 186
Decimal	11057338
CIE _{Lab}	73.64, -5.11, -2.91
CIE _{LCh}	74, 5.877, 209.630
Yxy	46.1510, 0.2980, 0.3263
Android (android.graphics.Color)	4289247418 (0xFFA8B8BA)
YUV	179.4440, 3.2321, -10.0364
Hunter-Lab	67.9345, -8.1394, 1.1779

Details

The Yxy color $46.1510, 0.2980, 0.3263$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.0026, 0.3292, 0.3317$, and the grayscale version is $45.3143, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4190, 0.3006, 0.3269$, and $21.6391, 0.2939, 0.3253$ is the 20% darker color. If you saturate the color by 10%, you get $43.4098, 0.2833, 0.3233$, and if you desaturate by 10%, it is $49.2004, 0.3132, 0.3291$.

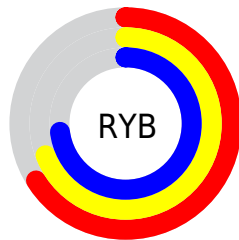
Distribution



Red (66%)

Green (72%)

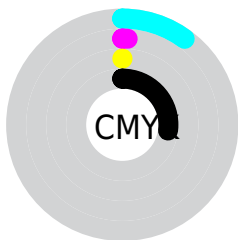
Blue (73%)



Red (66%)

Yellow (69%)

Blue (73%)

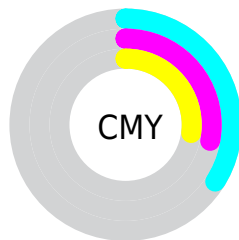


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (27%)



Cyan (34%)


Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1510, 0.2980, 0.3263 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 46.1510, 0.2980, 0.3263 by changing the saturation by 10% instead.


 46.1510, 0.2980,
0.3263


 46.1510, 0.2980,
0.3263


371.4154, 0.3053,
0.3277

 32.3650, 0.2962,
0.3259


 84.4449, 0.3007,
0.3268

 21.6404, 0.2938,
0.3255


 109.7217, 0.3017,
0.3270

 13.5929, 0.2907,
0.3248

139.5974, 0.3025,
0.3272

 7.8381, 0.2863,
0.3239

174.4566, 0.3032,
0.3273

 3.9915, 0.2798,
0.3224

214.6836, 0.3039,
0.3274

 1.6688, 0.2690,
0.3199

260.6628, 0.3044,

 0.4033, 0.1983,

0.3275

0.3092

312.7786, 0.3049,
0.3276

0.0000, 0.0000,
0.0000

46.1510, 0.2980,
0.3263

46.1510, 0.2980,
0.3263

43.4098, 0.2833,
0.3233

49.2004, 0.3132,
0.3291

40.9586, 0.2695,
0.3200

52.5639, 0.3287,
0.3316

38.7860, 0.2568,
0.3166

56.2544, 0.3441,
0.3339

36.8778, 0.2454,
0.3129

60.2823, 0.3594,
0.3359

35.2183, 0.2357,
0.3092

63.5059, 0.3694,
0.3378

■ 33.7901, 0.2279,
0.3054

■ 64.4266, 0.3689,
0.3399

■ 32.5733, 0.2219,
0.3016

■ 65.3600, 0.3683,
0.3420

■ 31.5448, 0.2177,
0.2978

■ 66.3062, 0.3677,
0.3441

■ 30.6593, 0.2151,
0.2940

■ 67.2650, 0.3672,
0.3462

Harmonies

Analogous

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



46.1510, 0.3030, 0.3338



46.1510, 0.2980, 0.3263



46.1510, 0.2969, 0.3197

Triad

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



46.1510, 0.2980, 0.3263



46.1510, 0.3146, 0.3183



46.1510, 0.3256, 0.3425

Complementary

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



46.1510, 0.2980, 0.3263



42.0026, 0.3292, 0.3317

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.



46.1510, 0.3288, 0.3381



46.1510, 0.2980, 0.3263



46.1510, 0.3225, 0.3242

Square

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



46.1510, 0.2980, 0.3263



46.1510, 0.3064, 0.3152



46.1510, 0.3277, 0.3314



46.1510, 0.3189, 0.3432

Rectangle

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



46.1510, 0.2980, 0.3263



46.1510, 0.2985, 0.3166



46.1510, 0.3277, 0.3314



46.1510, 0.3271, 0.3414

Sweetspot

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



46.1529, 0.2980, 0.3263



87.2616, 0.3080, 0.3282



46.3331, 0.3102, 0.3511



19.1168, 0.3068, 0.3280



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.



46.1529, 0.2980, 0.3263



82.3582, 0.2943, 0.3256



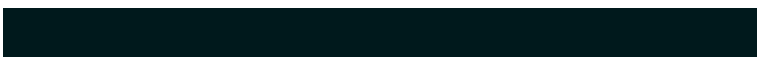
42.6009, 0.2979, 0.3143



10.0369, 0.2985, 0.3264



20.6771, 0.2151, 0.2944



0.7775, 0.2178, 0.3041

Inverse Universe

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



41.8983, 0.3155, 0.3081



72.8353, 0.3163, 0.3026



45.4213, 0.3279, 0.3432



9.1452, 0.3154, 0.3089



8.8697, 0.3504, 0.1704



0.3176, 0.3418, 0.1657

Previews

White Background



This preview shows how the Yxy color 46.1510, 0.2980, 0.3263 looks on a white background.

Color Contrast Check

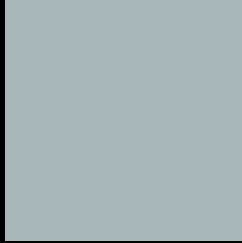
Large Text (above 18pt) WCAG AA × Fail

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 46.1510, 0.2980, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

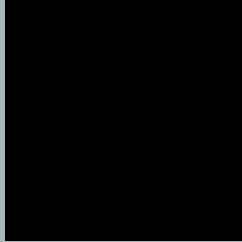
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

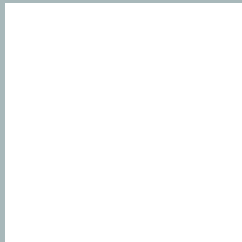
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1510, 0.2980, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 46.1510, 0.2980, 0.3263.



This preview shows how white text looks on a background with the Yxy color 46.1510, 0.2980, 0.3263.

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

46.1510, 0.2980, 0.3263

Protanopia

46.1705, 0.3121, 0.3238

Deuteranopia

45.8929, 0.3196, 0.3127



Tritanopia

46.0332, 0.2915, 0.3093

Trichromacy



Original Color

46.1510, 0.2980, 0.3263

Protanomaly

46.0155, 0.3070, 0.3237

Deuteranomaly

45.7429, 0.3115, 0.3174

Tritanomaly

46.1522, 0.2936, 0.3157

Monochromacy



Original Color

46.1510, 0.2980, 0.3263

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5391, 0.3068, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1510, 0.2980, 0.3263 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(168, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(168, 184, 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(168, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 184, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.1510, 0.2980, 0.3263 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(168, 184, 186) }
```

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

```
.border{ border-color:rgb(168, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(168, 184,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1510, 0.2980, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 184, 186) }
```

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

```
.background{ background-color: rgb(168,  
184, 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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