

Converting Colors

$Yxy(46.2433, 0.2976, 0.3168)$

Have a look what the booklet for
Yxy(46.2433, 0.2976, 0.3168)
contains.

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Color

Yxy(46.1459, 0.2976, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	ADB6C0
RGB	173, 182, 192
RGB Percent	68%, 71%, 75%
CMY	0.3213, 0.2863, 0.2470
CMYK	0.10, 0.05, 0.00, 0.25
HSL	212°, 13%, 72%
HSV	212°, 10%, 75%
XYZ	43.4864, 46.1459, 56.4915
YIQ	180.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

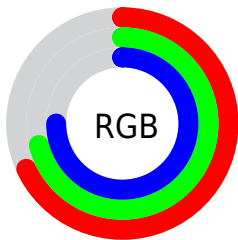
Format	Color
RYB	173, 179, 192
Decimal	11384512
CIELab	73.64, -1.10, -6.16
CIELCh	74, 6.254, 259.861
Yxy	46.1459, 0.2976, 0.3158
Android (android.graphics.Color)	4289574592 (0xFFADB6C0)
YUV	180.4490, 5.6946, -6.5328
Hunter-Lab	67.9308, -4.6106, -1.7542

Details

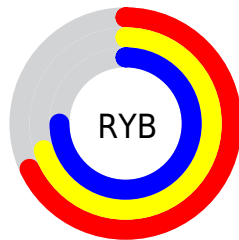
The Yxy color $46.1459, 0.2976, 0.3158$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.1300, 0.3284, 0.3419$, and the grayscale version is $45.8737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4204, 0.3002, 0.3188$, and $21.6295, 0.2932, 0.3110$ is the 20% darker color. If you saturate the color by 10%, you get $40.1027, 0.2816, 0.3009$, and if you desaturate by 10%, it is $52.8094, 0.3129, 0.3292$.

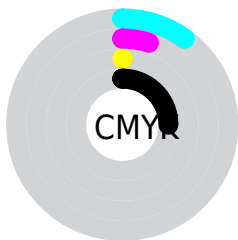
Distribution



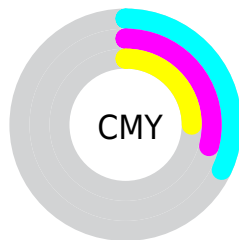
- Red (68%)
- Green (71%)
- Blue (75%)



- Red (68%)
- Yellow (70%)
- Blue (75%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1459, 0.2976, 0.3158 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 46.1459, 0.2976, 0.3158 by changing the saturation by 10% instead.

■ 46.1459, 0.2976,
0.3158

■ 46.1459, 0.2976,
0.3158

371.3949, 0.3052,
0.3224

■ 32.3610, 0.2957,
0.3141

■ 84.4373, 0.3003,
0.3182

■ 21.6374, 0.2933,
0.3120

109.7126, 0.3014,
0.3191

■ 13.5907, 0.2901,
0.3092

139.5867, 0.3022,
0.3199

■ 7.8365, 0.2856,
0.3052

174.4442, 0.3030,
0.3205

■ 3.9905, 0.2789,
0.2992

214.6694, 0.3036,
0.3211

■ 1.6683, 0.2678,
0.2892

260.6466, 0.3042,

■ 0.4030, 0.2187,

0.3216

0.2475

312.7603, 0.3047,
0.3220

0.0000, 0.0000,
0.0000

46.1459, 0.2976,
0.3158

46.1459, 0.2976,
0.3158

40.1027, 0.2816,
0.3009

52.8094, 0.3129,
0.3292

34.6542, 0.2652,
0.2844

60.1061, 0.3274,
0.3410

29.7815, 0.2488,
0.2665

68.0558, 0.3410,
0.3515

25.4624, 0.2326,
0.2474

76.6755, 0.3537,
0.3607

21.6729, 0.2173,
0.2273

83.2157, 0.3552,
0.3702

■ 18.3868, 0.2034,
0.2067

■ 89.1258, 0.3528,
0.3799

■ 15.5750, 0.1915,
0.1862

■ 95.3721, 0.3506,
0.3892

■ 13.2042, 0.1819,
0.1665

■ 96.5864, 0.3502,
0.3909

■ 11.2172, 0.1745,
0.1480

Harmonies

Analogous

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



46.1459, 0.2958, 0.3211



46.1459, 0.2976, 0.3158



46.1459, 0.3034, 0.3141

Triad

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



46.1459, 0.2976, 0.3158



46.1459, 0.3273, 0.3290



46.1459, 0.3134, 0.3423

Complementary

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



46.1459, 0.2976, 0.3158



48.1300, 0.3284, 0.3419

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.



46.1459, 0.3219, 0.3443



46.1459, 0.2976, 0.3158



46.1459, 0.3300, 0.3365

Square

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



46.1459, 0.2976, 0.3158



46.1459, 0.3206, 0.3217



46.1459, 0.3280, 0.3422



46.1459, 0.3048, 0.3365

Rectangle

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



46.1459, 0.2976, 0.3158



46.1459, 0.3089, 0.3151



46.1459, 0.3280, 0.3422



46.1459, 0.3164, 0.3434

Sweetspot

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



46.1478, 0.2976, 0.3158



91.7160, 0.3081, 0.3251



50.0090, 0.3043, 0.3410



19.4634, 0.3069, 0.3240



97.7402, 0.3127, 0.3290



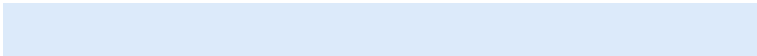
20.4902, 0.3127, 0.3290

Same Dimension

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



46.1478, 0.2976, 0.3158



80.9644, 0.2939, 0.3125



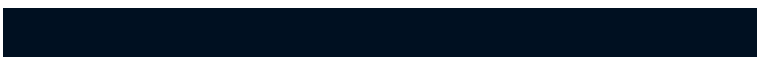
42.6431, 0.2978, 0.3039



10.5128, 0.2984, 0.3165



7.6842, 0.1750, 0.1500



0.4699, 0.1868, 0.1924

Inverse Universe

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



44.4948, 0.3222, 0.3176



77.3884, 0.3247, 0.3148



51.8917, 0.3270, 0.3530



10.1551, 0.3217, 0.3182



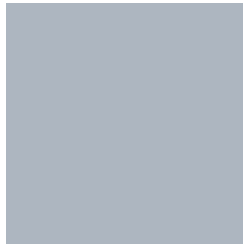
8.0580, 0.5059, 0.2560



0.3621, 0.4540, 0.2275

Previews

White Background



This preview shows how the Yxy color 46.1459, 0.2976, 0.3158 looks on a white background.

Color Contrast Check

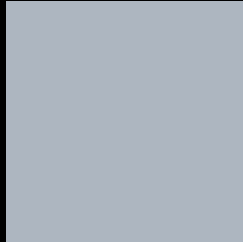
Large Text (above 18pt) WCAG AA × Fail

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 46.1459, 0.2976, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

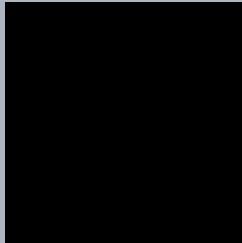
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

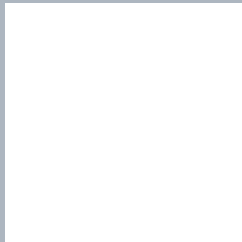
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1459, 0.2976, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 46.1459, 0.2976, 0.3158.

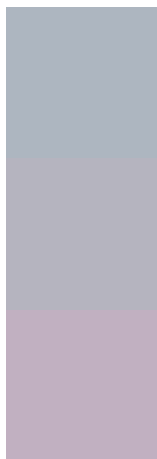


This preview shows how white text looks on a background with the Yxy color 46.1459, 0.2976, 0.3158.

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

46.1459, 0.2976, 0.3158

Protanopia

46.2279, 0.3049, 0.3148

Deuteranopia

46.2384, 0.3137, 0.3077



Tritanopia

46.0319, 0.2954, 0.3094

Trichromacy



Original Color

46.1459, 0.2976, 0.3158

Protanomaly

46.2743, 0.3024, 0.3160

Deuteranomaly

46.1301, 0.3076, 0.3099

Tritanomaly

45.9865, 0.2961, 0.3107

Monochromacy



Original Color

46.1459, 0.2976, 0.3158

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8556, 0.3070, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1459, 0.2976, 0.3158 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(173, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 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(173, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.1459, 0.2976, 0.3158 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(173, 182, 192) }
```

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

```
.border{ border-color:rgb(173, 182, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 182,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1459, 0.2976, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 192) }
```

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

```
.background{ background-color: rgb(173,  
182, 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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