

Converting Colors

$Y_{xy}(44.3270, 0.2928, 0.3065)$

Have a look what the booklet for
Yxy(44.3270, 0.2928, 0.3065)
contains.

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Color

Yxy(44.3270, 0.2928, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	AAB2C3
RGB	170, 178, 195
RGB Percent	67%, 70%, 76%
CMY	0.3334, 0.3019, 0.2353
CMYK	0.13, 0.09, 0.00, 0.24
HSL	221°, 17%, 72%
HSV	221°, 13%, 76%
XYZ	42.3457, 44.3270, 57.9505
YIQ	177.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

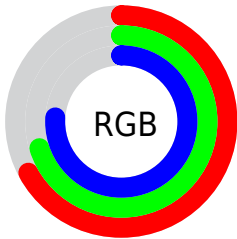
Format	Color
RYP	170, 176, 195
Decimal	11186883
CIELab	72.45, 0.64, -9.59
CIElCh	72, 9.608, 273.849
Yxy	44.3270, 0.2928, 0.3065
Android (android.graphics.Color)	4289376963 (0xFFAAB2C3)
YUV	177.5460, 8.6048, -6.6178
Hunter-Lab	66.5785, -2.9818, -5.0015

Details

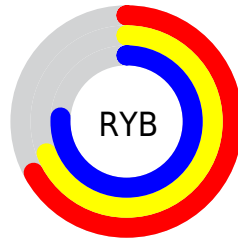
The Yxy color $44.3270, 0.2928, 0.3065$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $50.0336, 0.3330, 0.3505$, and the grayscale version is $44.2264, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.8815, 0.2959, 0.3105$, and $20.4419, 0.2877, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $37.2951, 0.2761, 0.2865$, and if you desaturate by 10%, it is $52.1939, 0.3085, 0.3243$.

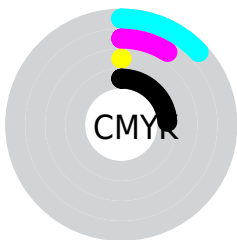
Distribution



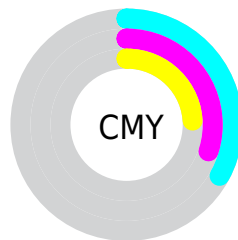
- Red (67%)
- Green (70%)
- Blue (76%)



- Red (67%)
- Yellow (69%)
- Blue (76%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3270, 0.2928, 0.3065 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 44.3270, 0.2928, 0.3065 by changing the saturation by 10% instead.

■ 44.3270, 0.2928,
0.3065

■ 44.3270, 0.2928,
0.3065

364.0410, 0.3028,
0.3178

■ 30.9277, 0.2903,
0.3037

■ 81.7096, 0.2965,
0.3106

■ 20.5438, 0.2870,
0.3000

106.4616, 0.2978,
0.3122

■ 12.7909, 0.2827,
0.2952

135.7666, 0.2990,
0.3135

■ 7.2847, 0.2766,
0.2884

170.0091, 0.3000,
0.3146

■ 3.6408, 0.2675,
0.2782

209.5734, 0.3008,
0.3155

■ 1.4747, 0.2524,
0.2614

254.8439, 0.3016,

■ 0.2708, 0.1810,

0.3164

0.1795

306.2049, 0.3022,
0.3171

0.0000, 0.0000,
0.0000

44.3270, 0.2928,
0.3065

44.3270, 0.2928,
0.3065

37.2951, 0.2761,
0.2865

52.1939, 0.3085,
0.3243

31.0643, 0.2585,
0.2645

60.9174, 0.3230,
0.3401

25.6060, 0.2405,
0.2406

70.5250, 0.3363,
0.3540

20.8883, 0.2227,
0.2153

81.0414, 0.3484,
0.3661

16.8762, 0.2057,
0.1894

90.0446, 0.3507,
0.3781

■ 13.5320, 0.1903,
0.1637

■ 96.7199, 0.3484,
0.3880

■ 10.8137, 0.1774,
0.1394

■ 8.6733, 0.1676,
0.1177

■ 7.4438, 0.1623,
0.1041

Harmonies

Analogous

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



44.3270, 0.2869, 0.3122



44.3270, 0.2928, 0.3065



44.3270, 0.3040, 0.3068

Triad

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



44.3270, 0.2928, 0.3065



44.3270, 0.3383, 0.3345



44.3270, 0.3073, 0.3463

Complementary

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



44.3270, 0.2928, 0.3065



50.0336, 0.3330, 0.3505

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.



44.3270, 0.3210, 0.3524



44.3270, 0.2928, 0.3065



44.3270, 0.3392, 0.3452

Square

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



44.3270, 0.2928, 0.3065



44.3270, 0.3304, 0.3227



44.3270, 0.3328, 0.3519



44.3270, 0.2952, 0.3352

Rectangle

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



44.3270, 0.2928, 0.3065



44.3270, 0.3131, 0.3101



44.3270, 0.3328, 0.3519



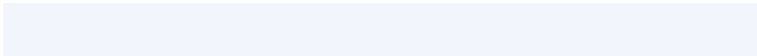
44.3270, 0.3119, 0.3490

Sweetspot

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



44.3288, 0.2928, 0.3065



91.6591, 0.3066, 0.3222



51.1463, 0.2992, 0.3399



19.8274, 0.3054, 0.3209



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.3288, 0.2928, 0.3065



76.2297, 0.2889, 0.3019



41.7017, 0.2961, 0.2960



10.2636, 0.2984, 0.3129



4.9744, 0.1629, 0.1065



0.3416, 0.1759, 0.1533

Inverse Universe

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



43.5613, 0.3287, 0.3188



74.6991, 0.3322, 0.3168



52.9841, 0.3282, 0.3607



10.1299, 0.3240, 0.3216



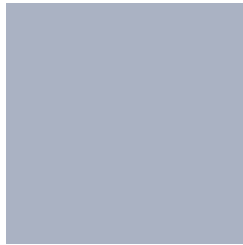
7.7844, 0.5661, 0.2892



0.3491, 0.5017, 0.2537

Previews

White Background



This preview shows how the Yxy color 44.3270, 0.2928, 0.3065 looks on a white background.

Color Contrast Check

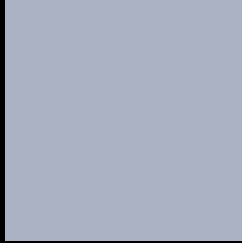
Large Text (above 18pt) WCAG AA × Fail

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 44.3270, 0.2928, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

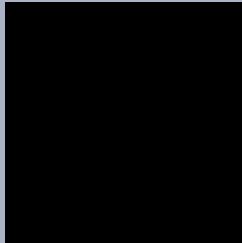
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

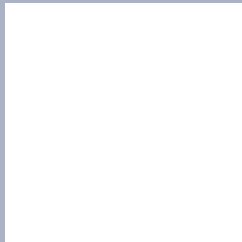
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3270, 0.2928, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 44.3270, 0.2928, 0.3065.



This preview shows how white text looks on a background with the Yxy color 44.3270, 0.2928, 0.3065.

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

44.3270, 0.2928, 0.3065

Protanopia

44.1758, 0.2985, 0.3054

Deuteranopia

44.3118, 0.3054, 0.2997



Tritanopia

44.2371, 0.2943, 0.3091

Trichromacy



Original Color

44.3270, 0.2928, 0.3065

Protanomaly

44.3380, 0.2968, 0.3066

Deuteranomaly

44.3488, 0.3003, 0.3018

Tritanomaly

44.2819, 0.2936, 0.3078

Monochromacy



Original Color

44.3270, 0.2928, 0.3065

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4154, 0.3054, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3270, 0.2928, 0.3065 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 $rgb(170, 178, 195)$ looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 195)  
}
```

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(170, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 195) }
```

Border

The CSS property to change the border of an element to Yxy 44.3270, 0.2928, 0.3065 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(170, 178, 195) }
```

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

```
.border{ border-color:rgb(170, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(170, 178,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3270, 0.2928, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 195) }
```

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

```
.background{ background-color: rgb(170,  
178, 195) }
```

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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