

Converting Colors

$Y_{xy}(44.6063, 0.2925, 0.3088)$

Have a look what the booklet for
Yxy(44.6063, 0.2925, 0.3088)
contains.

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Color

Yxy(44.5703, 0.2928, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	A9B3C2
RGB	169, 179, 194
RGB Percent	66%, 70%, 76%
CMY	0.3372, 0.2980, 0.2393
CMYK	0.13, 0.08, 0.00, 0.24
HSL	216°, 17%, 71%
HSV	216°, 13%, 76%
XYZ	42.2199, 44.5703, 57.4035
YIQ	177.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

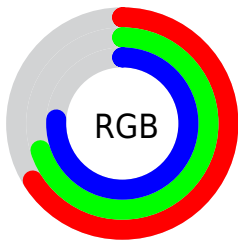
Format	Color
R _Y B	169, 176, 194
Decimal	11121602
CIE Lab	72.61, -0.43, -8.80
CIE LCh	73, 8.806, 267.204
Yxy	44.5703, 0.2928, 0.3091
Android (android.graphics.Color)	4289311682 (0xFFA9B3C2)
YUV	177.7200, 8.0260, -7.6474
Hunter-Lab	66.7610, -3.9476, -4.2470

Details

The Yxy color $44.5703, 0.2928, 0.3091$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.6086, 0.3333, 0.3481$, and the grayscale version is $44.3278, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.1661, 0.2965, 0.3135$, and $20.5971, 0.2877, 0.3034$ is the 20% darker color. If you saturate the color by 10%, you get $38.1137, 0.2764, 0.2916$, and if you desaturate by 10%, it is $51.7425, 0.3084, 0.3248$.

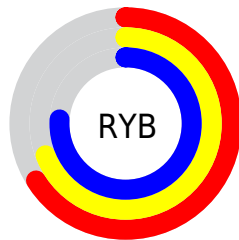
Distribution



Red (66%)

Green (70%)

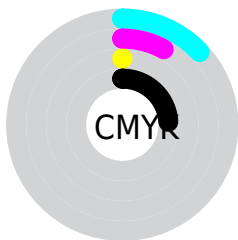
Blue (76%)



Red (66%)

Yellow (69%)

Blue (76%)

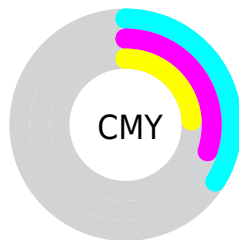


Cyan (13%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (34%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5703, 0.2928, 0.3091 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 44.5703, 0.2928, 0.3091 by changing the saturation by 10% instead.

■ 44.5703, 0.2928,
0.3091

■ 44.5703, 0.2928,
0.3091

■ 365.0305, 0.3028,
0.3191

■ 31.1191, 0.2903,
0.3066

■ 82.0752, 0.2964,
0.3128

■ 20.6896, 0.2871,
0.3033

■ 106.8977, 0.2978,
0.3141

■ 12.8973, 0.2828,
0.2990

■ 136.2795, 0.2990,
0.3153

■ 7.3578, 0.2767,
0.2930

■ 170.6049, 0.2999,
0.3163

■ 3.6869, 0.2677,
0.2838

■ 210.2582, 0.3008,
0.3171

■ 1.5000, 0.2527,
0.2687

■ 255.6240, 0.3016,

■ 0.2887, 0.1781,

0.3179

0.1948

307.0867, 0.3022,
0.3185

0.0000, 0.0000,
0.0000

44.5703, 0.2928,
0.3091

44.5703, 0.2928,
0.3091

38.1137, 0.2764,
0.2916

51.7425, 0.3084,
0.3248

32.3437, 0.2594,
0.2722

59.6473, 0.3231,
0.3388

27.2368, 0.2422,
0.2513

68.3079, 0.3367,
0.3511

22.7665, 0.2254,
0.2290

77.7446, 0.3492,
0.3619

18.9039, 0.2094,
0.2059

85.8302, 0.3528,
0.3724

■ 15.6174, 0.1951,
0.1828

■ 92.7957, 0.3503,
0.3834

■ 12.8721, 0.1830,
0.1603

■ 96.6741, 0.3490,
0.3890

■ 10.6274, 0.1736,
0.1394

■ 9.2881, 0.1683,
0.1257

Harmonies

Analogous

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



44.5703, 0.2887, 0.3154



44.5703, 0.2928, 0.3091



44.5703, 0.3022, 0.3081

Triad

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



44.5703, 0.2928, 0.3091



44.5703, 0.3350, 0.3317



44.5703, 0.3105, 0.3465

Complementary

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



44.5703, 0.2928, 0.3091



48.6086, 0.3333, 0.3481

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.



44.5703, 0.3230, 0.3508



44.5703, 0.2928, 0.3091



44.5703, 0.3373, 0.3419

Square

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



44.5703, 0.2928, 0.3091



44.5703, 0.3266, 0.3210



44.5703, 0.3329, 0.3490



44.5703, 0.2988, 0.3372

Rectangle

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



44.5703, 0.2928, 0.3091



44.5703, 0.3103, 0.3104



44.5703, 0.3329, 0.3490



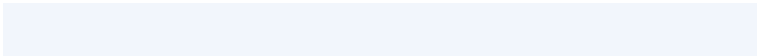
44.5703, 0.3148, 0.3486

Sweetspot

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



44.5722, 0.2928, 0.3091



92.1469, 0.3066, 0.3230



50.4538, 0.3006, 0.3427



19.9535, 0.3054, 0.3219



0.0000, 0.0000, 0.0000



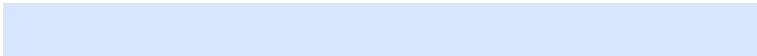
21.4041, 0.3127, 0.3290

Same Dimension

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



44.5722, 0.2928, 0.3091



77.8863, 0.2890, 0.3051



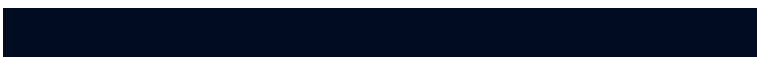
40.9440, 0.2942, 0.2957



10.3946, 0.2984, 0.3148



6.2591, 0.1689, 0.1282



0.4053, 0.1816, 0.1736

Inverse Universe

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



43.1027, 0.3270, 0.3162



74.8663, 0.3301, 0.3138



52.6326, 0.3300, 0.3606



10.1432, 0.3228, 0.3198



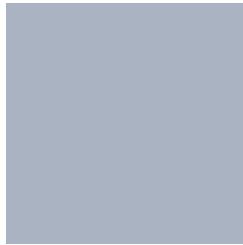
7.9141, 0.5352, 0.2722



0.3556, 0.4763, 0.2397

Previews

White Background



This preview shows how the Yxy color 44.5703, 0.2928, 0.3091 looks on a white background.

Color Contrast Check

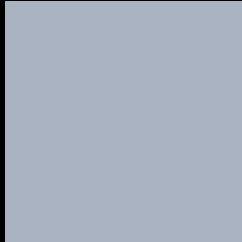
Large Text (above 18pt) WCAG AA × Fail

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 44.5703, 0.2928, 0.3091 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

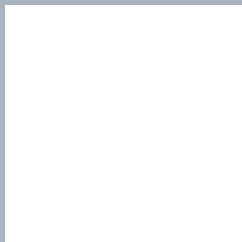
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5703, 0.2928, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 44.5703, 0.2928, 0.3091.

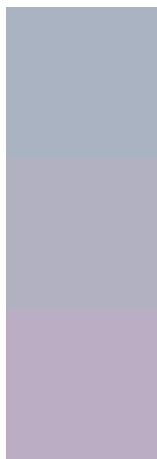


This preview shows how white text looks on a background with the Yxy color 44.5703, 0.2928, 0.3091.

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

44.5703, 0.2928, 0.3091

Protanopia

44.6416, 0.3001, 0.3081

Deuteranopia

44.3921, 0.3071, 0.3010



Tritanopia

44.5255, 0.2935, 0.3104

Trichromacy



Original Color

44.5703, 0.2928, 0.3091

Protanomaly

44.6897, 0.2976, 0.3093

Deuteranomaly

44.3034, 0.3010, 0.3031

Tritanomaly

44.5255, 0.2935, 0.3104

Monochromacy



Original Color

44.5703, 0.2928, 0.3091

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 44.5703, 0.2928, 0.3091 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(169, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(169, 179, 194)  
}
```

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(169, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 179, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.5703, 0.2928, 0.3091 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(169, 179, 194) }
```

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

```
.border{ border-color:rgb(169, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 179,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5703, 0.2928, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 179, 194) }
```

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

```
.background{ background-color: rgb(169,  
179, 194) }
```

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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