

Converting Colors

$Yxy(43.0277, 0.2794, 0.2991)$

Have a look what the booklet for
Yxy(43.0277, 0.2794, 0.2991)
contains.

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Color

Yxy(43.1790, 0.2790, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	9DB2C8
RGB	157, 178, 200
RGB Percent	62%, 70%, 78%
CMY	0.3842, 0.3020, 0.2158
CMYK	0.21, 0.11, 0.00, 0.22
HSL	211°, 28%, 70%
HSV	211°, 21%, 78%
XYZ	40.2504, 43.1790, 60.8372
YIQ	174.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

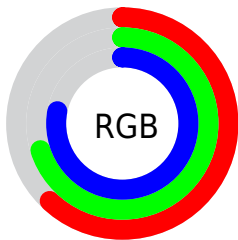
Format	Color
RYB	157, 171, 200
Decimal	10334920
CIELab	71.68, -2.44, -13.56
CIELCh	72, 13.779, 259.799
Yxy	43.1790, 0.2790, 0.2993
Android (android.graphics.Color)	4288525000 (0xFF9DB2C8)
YUV	174.2290, 12.7051, -15.1098
Hunter-Lab	65.7107, -5.6556, -8.8952

Details

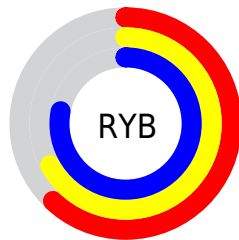
The Yxy color $43.1790, 0.2790, 0.2993$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.9466, 0.3499, 0.3570$, and the grayscale version is $42.3942, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.0627, 0.2861, 0.3070$, and $19.7458, 0.2693, 0.2898$ is the 20% darker color. If you saturate the color by 10%, you get $37.4110, 0.2626, 0.2831$, and if you desaturate by 10%, it is $49.5832, 0.2950, 0.3140$.

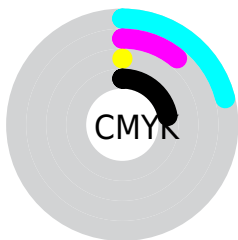
Distribution



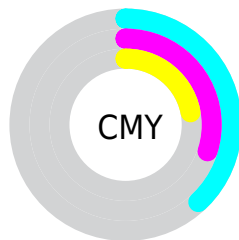
- Red (62%)
- Green (70%)
- Blue (78%)



- Red (62%)
- Yellow (67%)
- Blue (78%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1790, 0.2790, 0.2993 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 43.1790, 0.2790, 0.2993 by changing the saturation by 10% instead.

■ 43.1790, 0.2790,
0.2993

■ 43.1790, 0.2790,
0.2993

359.3474, 0.2959,
0.3143

■ 30.0256, 0.2748,
0.2955

■ 79.9809, 0.2852,
0.3048

■ 19.8580, 0.2693,
0.2906

■ 104.3982, 0.2875,
0.3069

■ 12.2919, 0.2621,
0.2840

133.3389, 0.2894,
0.3086

■ 6.9428, 0.2520,
0.2748

167.1874, 0.2911,
0.3101

■ 3.4263, 0.2371,
0.2610

206.3281, 0.2925,
0.3113

■ 1.3582, 0.2127,
0.2381

251.1454, 0.2938,

■ 0.1856, 0.0797,

0.3125

0.1267

302.0237, 0.2949,
0.3135

0.0000, 0.0000,
0.0000

43.1790, 0.2790,
0.2993

43.1790, 0.2790,
0.2993

37.4110, 0.2626,
0.2831

49.5832, 0.2950,
0.3140

32.2514, 0.2463,
0.2656

56.6398, 0.3105,
0.3272

27.6779, 0.2304,
0.2469

64.3704, 0.3252,
0.3389

23.6643, 0.2156,
0.2273

72.7945, 0.3391,
0.3493

20.1821, 0.2022,
0.2073

81.5476, 0.3505,
0.3586

■ 17.1995, 0.1908,
0.1875

■ 87.3807, 0.3485,
0.3685

■ 14.6795, 0.1819,
0.1684

■ 93.5529, 0.3464,
0.3781

■ 12.8451, 0.1759,
0.1530

■ 96.9487, 0.3454,
0.3830

Harmonies

Analogous

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



43.1790, 0.2750, 0.3108



43.1790, 0.2790, 0.2993



43.1790, 0.2918, 0.2959

Triad

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



43.1790, 0.2790, 0.2993



43.1790, 0.3456, 0.3287



43.1790, 0.3140, 0.3596

Complementary

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



43.1790, 0.2790, 0.2993



46.9466, 0.3499, 0.3570

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.



43.1790, 0.3333, 0.3639



43.1790, 0.2790, 0.2993



43.1790, 0.3519, 0.3453

Square

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



43.1790, 0.2790, 0.2993



43.1790, 0.3303, 0.3126



43.1790, 0.3473, 0.3584



43.1790, 0.2949, 0.3462

Rectangle

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



43.1790, 0.2790, 0.2993



43.1790, 0.3038, 0.2983



43.1790, 0.3473, 0.3584



43.1790, 0.3207, 0.3622

Sweetspot

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



43.1808, 0.2790, 0.2993



92.3208, 0.3035, 0.3213



51.6992, 0.2952, 0.3579



19.5871, 0.3024, 0.3204



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.



43.1808, 0.2790, 0.2993



69.7594, 0.2710, 0.2916



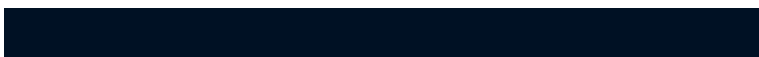
35.4608, 0.2769, 0.2699



11.1285, 0.2983, 0.3169



8.3483, 0.1765, 0.1555



0.5402, 0.1873, 0.1941

Inverse Universe

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



39.6113, 0.3352, 0.3024



62.7514, 0.3418, 0.2961



56.0048, 0.3448, 0.3820



10.7219, 0.3215, 0.3178



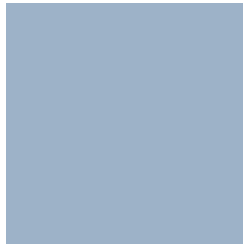
8.3827, 0.4988, 0.2521



0.4116, 0.4520, 0.2264

Previews

White Background



This preview shows how the Yxy color 43.1790, 0.2790, 0.2993 looks on a white background.

Color Contrast Check

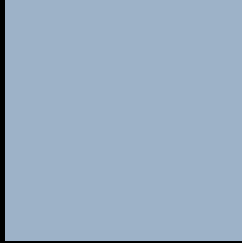
Large Text (above 18pt) WCAG AA × Fail

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 43.1790, 0.2790, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

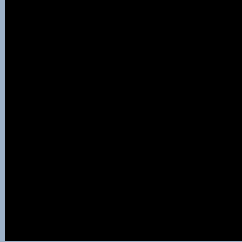
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

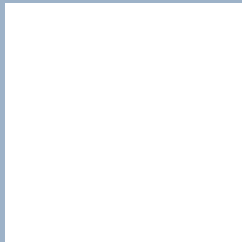
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1790, 0.2790, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 43.1790, 0.2790, 0.2993.



This preview shows how white text looks on a background with the Yxy color 43.1790, 0.2790, 0.2993.

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

43.1790, 0.2790, 0.2993

Protanopia

43.0740, 0.2928, 0.2987

Deuteranopia

43.0462, 0.2964, 0.2904



Tritanopia

43.1584, 0.2832, 0.3098

Trichromacy



Original Color

43.1790, 0.2790, 0.2993

Protanomaly

42.9527, 0.2880, 0.2984

Deuteranomaly

43.2598, 0.2898, 0.2937

Tritanomaly

43.2936, 0.2811, 0.3058

Monochromacy



Original Color

43.1790, 0.2790, 0.2993

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4037, 0.3003, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1790, 0.2790, 0.2993 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(157, 178, 200)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 200)  
}
```

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(157, 178, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 200) }
```

Border

The CSS property to change the border of an element to Yxy 43.1790, 0.2790, 0.2993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

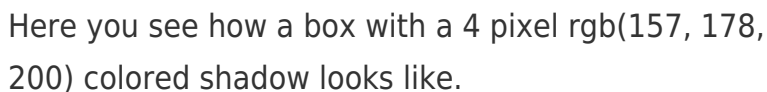
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 178, 200) }
```

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

```
.border{ border-color:rgb(157, 178, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 178, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 178, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 178, 200); box-shadow:4px 4px 4px 4px rgb(157, 178, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1790, 0.2790, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 178, 200) }
```

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

```
.background{ background-color: rgb(157,  
178, 200) }
```

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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