

Converting Colors

$Yxy(35.4192, 0.2299, 0.2824)$

Have a look what the booklet for
Yxy(35.4192, 0.2299, 0.2824)
contains.

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Color

Yxy(35.5632, 0.2299, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	52ACCA
RGB	82, 172, 202
RGB Percent	32%, 67%, 79%
CMY	0.6785, 0.3255, 0.2079
CMYK	0.59, 0.15, 0.00, 0.21
HSL	195°, 53%, 56%
HSV	195°, 59%, 79%
XYZ	28.8904, 35.5632, 61.2114
YIQ	148.5100, -63.2700, -9.7500

Conversions

Conversions Part 2

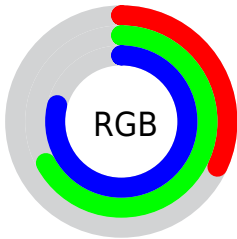
Format	Color
R_{YB}	82, 133, 202
Decimal	5418186
CIE _{Lab}	66.18, -18.06, -23.37
CIE _{LCh}	66, 29.534, 232.296
Yxy	35.5632, 0.2299, 0.2830
Android (android.graphics.Color)	4283608266 (0xFF52ACCA)
YUV	148.5100, 26.3706, -58.3293
Hunter-Lab	59.6349, -17.8859, -19.1130

Details

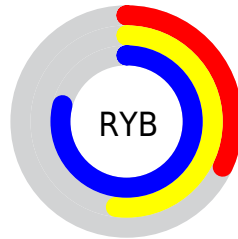
The Yxy color **35.5632, 0.2299, 0.2830** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **24.7451, 0.4691, 0.3666**, and the grayscale version is **29.7448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8209, 0.2467, 0.2961**, and **15.5711, 0.2079, 0.2684** is the 20% darker color. If you saturate the color by 10%, you get **32.9038, 0.2200, 0.2738**, and if you desaturate by 10%, it is **38.5646, 0.2414, 0.2920**.

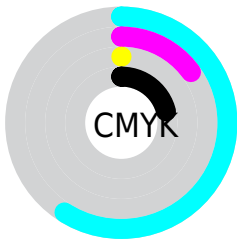
Distribution



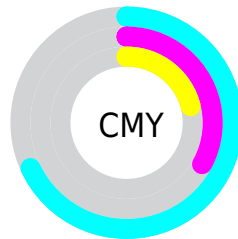
- Red (32%)
- Green (67%)
- Blue (79%)



- Red (32%)
- Yellow (52%)
- Blue (79%)



- Cyan (59%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)





- Cyan (68%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5632, 0.2299, 0.2830 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 35.5632, 0.2299, 0.2830 by changing the saturation by 10% instead.


 35.5632, 0.2299,
0.2830


 35.5632, 0.2299,
0.2830


327.0473, 0.2717,
0.3077


 24.0970, 0.2195,
0.2763


 68.3573, 0.2451,
0.2924


 15.4056, 0.2062,
0.2675


 90.4541, 0.2508,
0.2958

 9.1046, 0.1888,
0.2554


 116.8632, 0.2556,
0.2986

 4.8094, 0.1651,
0.2378

 147.9690, 0.2597,
0.3010

 2.1359, 0.1317,
0.2105

184.1559, 0.2633,
0.3031

 0.6847, 0.0515,
0.1679

225.8084, 0.2665,

 0.0000, 0.0000,

0.3048

0.0000

273.3107, 0.2692,
0.3064

■ 35.5632, 0.2299,
0.2830

■ 35.5632, 0.2299,
0.2830

■ 32.9038, 0.2200,
0.2738

■ 38.5646, 0.2414,
0.2920

■ 30.5575, 0.2121,
0.2645

■ 41.9261, 0.2544,
0.3005

■ 28.4964, 0.2061,
0.2552

■ 45.6690, 0.2684,
0.3086

■ 26.6696, 0.2018,
0.2460

■ 49.8113, 0.2831,
0.3162

■ 26.5658, 0.2015,
0.2455

■ 54.3700, 0.2983,
0.3231

■ 59.3609, 0.3136,
0.3294

■ 64.7988, 0.3288,
0.3350

■ 70.6980, 0.3437,
0.3400

■ 75.3694, 0.3515,
0.3448

Harmonies

Analogous

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



35.5632, 0.2398, 0.3210



35.5632, 0.2299, 0.2830



35.5632, 0.2398, 0.2610

Triad

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



35.5632, 0.2299, 0.2830



35.5632, 0.3559, 0.2951



35.5632, 0.3544, 0.4106

Complementary

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



35.5632, 0.2299, 0.2830



24.7451, 0.4691, 0.3666

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.



35.5632, 0.3889, 0.3958



35.5632, 0.2299, 0.2830



35.5632, 0.3910, 0.3291

Square

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



35.5632, 0.2299, 0.2830



35.5632, 0.3102, 0.2694



35.5632, 0.4031, 0.3653



35.5632, 0.3101, 0.4004

Rectangle

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



35.5632, 0.2299, 0.2830



35.5632, 0.2569, 0.2564



35.5632, 0.4031, 0.3653



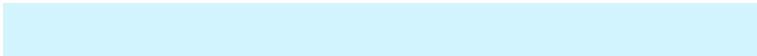
35.5632, 0.3676, 0.4081

Sweetspot

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



35.5645, 0.2299, 0.2830



85.2100, 0.2849, 0.3170



45.1546, 0.2898, 0.4774



17.7750, 0.2805, 0.3149



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.



35.5645, 0.2299, 0.2830



54.6514, 0.2178, 0.2714



18.0884, 0.2088, 0.1874



12.2338, 0.2983, 0.3231



17.2442, 0.2019, 0.2467



1.0053, 0.2069, 0.2647

Inverse Universe

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



21.5662, 0.3562, 0.2206



30.7924, 0.3688, 0.2054



41.9090, 0.4188, 0.4361



11.3540, 0.3175, 0.3118



9.5438, 0.3955, 0.1952



0.5040, 0.3779, 0.1856

Previews

White Background



This preview shows how the Yxy color 35.5632, 0.2299, 0.2830 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 35.5632, 0.2299, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

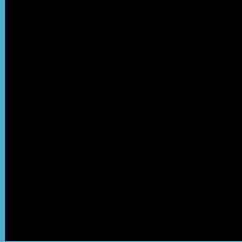
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5632, 0.2299, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 35.5632, 0.2299, 0.2830.

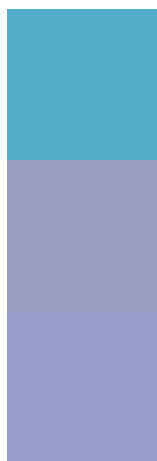


This preview shows how white text looks on a background with the Yxy color 35.5632, 0.2299, 0.2830.

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

35.5632, 0.2299, 0.2830

Protanopia

35.0763, 0.2789, 0.2796

Deuteranopia

35.1010, 0.2683, 0.2628



Tritanopia

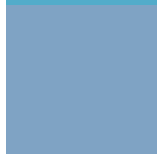
35.4394, 0.2352, 0.3065

Trichromacy



Original Color

35.5632, 0.2299, 0.2830



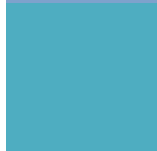
Protanomaly

34.6919, 0.2571, 0.2803



Deuteranomaly

34.6359, 0.2510, 0.2682



Tritanomaly

35.3571, 0.2331, 0.2974

Monochromacy



Original Color

35.5632, 0.2299, 0.2830



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

31.3011, 0.2744, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5632, 0.2299, 0.2830 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(82, 172, 202)` looks like.

```
.text, #text, p{  
    color:rgb(82, 172, 202)  
}
```

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(82, 172, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 172, 202) }
```

Border

The CSS property to change the border of an element to Yxy 35.5632, 0.2299, 0.2830 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(82, 172, 202) }
```

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

```
.border{ border-color:rgb(82, 172, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 172, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 172, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 172, 202);  
box-shadow:4px 4px 4px 4px rgb(82, 172,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5632, 0.2299, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 172, 202) }
```

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

```
.background{ background-color: rgb(82, 172,  
202) }
```

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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