

Converting Colors

$Y_{xy}(35.3359, 0.2528, 0.3071)$

Have a look what the booklet for
Yxy(35.3359, 0.2528, 0.3071)
contains.

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Color

Yxy(35.3359, 0.2528, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	6BAAB8
RGB	107, 170, 184
RGB Percent	42%, 67%, 72%
CMY	0.5805, 0.3333, 0.2784
CMYK	0.42, 0.08, 0.00, 0.28
HSL	191°, 35%, 57%
HSV	191°, 42%, 72%
XYZ	29.0880, 35.3359, 50.6393
YIQ	152.7590, -42.0420, -9.0020

Conversions

Conversions Part 2

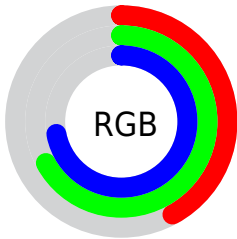
Format	Color
RYB	107, 142, 184
Decimal	7056056
CIELab	66.01, -16.54, -13.56
CIELCh	66, 21.389, 219.343
Yxy	35.3359, 0.2528, 0.3071
Android (android.graphics.Color)	4285246136 (0xFF6BAAB8)
YUV	152.7590, 15.4018, -40.1306
Hunter-Lab	59.4440, -16.6809, -8.8973

Details

The Yxy color **35.3359, 0.2528, 0.3071** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.9218, 0.4100, 0.3493**, and the grayscale version is **31.6890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8231, 0.2642, 0.3113**, and **15.3524, 0.2352, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **33.0776, 0.2410, 0.3010**, and if you desaturate by 10%, it is **37.8715, 0.2659, 0.3130**.

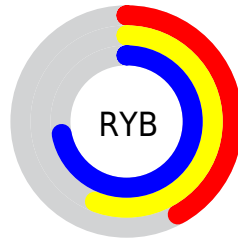
Distribution



Red (42%)

Green (67%)

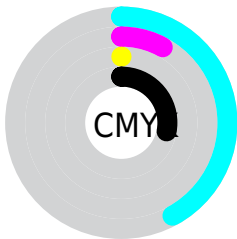
Blue (72%)



Red (42%)

Yellow (56%)

Blue (72%)

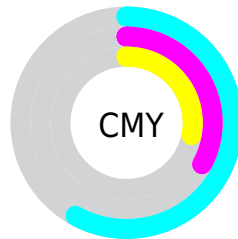


Cyan (42%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (58%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3359, 0.2528, 0.3071 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 35.3359, 0.2528, 0.3071 by changing the saturation by 10% instead.


 35.3359, 0.2528,
0.3071


 35.3359, 0.2528,
0.3071


326.0485, 0.2835,
0.3191

 23.9217, 0.2449,
0.3037


 68.0058, 0.2641,
0.3117

 15.2756, 0.2348,
0.2992


 90.0303, 0.2683,
0.3134

 9.0130, 0.2211,
0.2927

 116.3604, 0.2718,
0.3148

 4.7497, 0.2017,
0.2829

 147.3805, 0.2749,
0.3159

 2.1011, 0.1727,
0.2665

183.4750, 0.2775,
0.3169

 0.6653, 0.0830,
0.2416

225.0282, 0.2797,

 0.0000, 0.0000,

0.3178

0.0000

272.4246, 0.2817,
0.3185

■ 35.3359, 0.2528,
0.3071

■ 35.3359, 0.2528,
0.3071

■ 33.0776, 0.2410,
0.3010

■ 37.8715, 0.2659,
0.3130

■ 31.0768, 0.2308,
0.2946

■ 40.6947, 0.2800,
0.3184

■ 29.3172, 0.2223,
0.2881

■ 43.8201, 0.2947,
0.3235

■ 27.7787, 0.2158,
0.2816

■ 47.2603, 0.3099,
0.3282

■ 26.4376, 0.2111,
0.2751

■ 51.0268, 0.3251,
0.3324

■ 25.4535, 0.2083,
0.2698

■ 55.1306, 0.3403,
0.3362

■ 59.5824, 0.3552,
0.3395

■ 64.3920, 0.3697,
0.3425

■ 66.0803, 0.3694,
0.3459

Harmonies

Analogous

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



35.3359, 0.2668, 0.3377



35.3359, 0.2528, 0.3071



35.3359, 0.2538, 0.2849

Triad

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



35.3359, 0.2528, 0.3071



35.3359, 0.3304, 0.2947



35.3359, 0.3558, 0.3856

Complementary

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



35.3359, 0.2528, 0.3071



24.9218, 0.4100, 0.3493

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.



35.3359, 0.3748, 0.3702



35.3359, 0.2528, 0.3071



35.3359, 0.3600, 0.3183

Square

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



35.3359, 0.2528, 0.3071



35.3359, 0.2971, 0.2792



35.3359, 0.3766, 0.3454



35.3359, 0.3257, 0.3854

Rectangle

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



35.3359, 0.2528, 0.3071



35.3359, 0.2627, 0.2770



35.3359, 0.3766, 0.3454



35.3359, 0.3638, 0.3819

Sweetspot

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



35.3373, 0.2528, 0.3071



78.6277, 0.2927, 0.3229



38.7606, 0.2982, 0.4349



16.6753, 0.2894, 0.3218



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.3373, 0.2528, 0.3071



60.3544, 0.2422, 0.3016



23.2655, 0.2428, 0.2450



9.9255, 0.2985, 0.3247



17.6351, 0.2085, 0.2706



0.6949, 0.2131, 0.2873

Inverse Universe

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



23.6042, 0.3336, 0.2439



36.9272, 0.3393, 0.2271



35.8193, 0.3877, 0.4002



9.1340, 0.3164, 0.3105



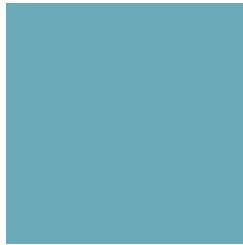
8.5626, 0.3722, 0.1824



0.3092, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 35.3359, 0.2528, 0.3071 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 35.3359, 0.2528, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

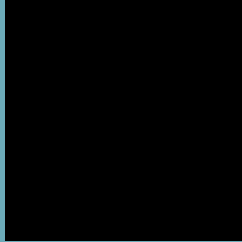
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3359, 0.2528, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 35.3359, 0.2528, 0.3071.



This preview shows how white text looks on a background with the Yxy color 35.3359, 0.2528, 0.3071.

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

35.3359, 0.2528, 0.3071

Protanopia

35.2397, 0.2962, 0.3031

Deuteranopia

35.0462, 0.2914, 0.2856



Tritanopia

35.3359, 0.2528, 0.3071

Trichromacy



Original Color

35.3359, 0.2528, 0.3071

Protanomaly

34.9786, 0.2776, 0.3036

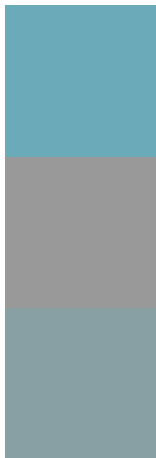
Deuteranomaly

34.7857, 0.2753, 0.2923

Tritanomaly

35.3359, 0.2528, 0.3071

Monochromacy



Original Color

35.3359, 0.2528, 0.3071

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.7109, 0.2872, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3359, 0.2528, 0.3071 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(107, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(107, 170, 184)  
}
```

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(107, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 170, 184) }
```

Border

The CSS property to change the border of an element to Yxy 35.3359, 0.2528, 0.3071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

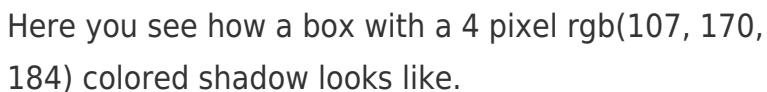
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 170, 184) }
```

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

```
.border{ border-color:rgb(107, 170, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(107, 170,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3359, 0.2528, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 170, 184) }
```

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

```
.background{ background-color: rgb(107,  
170, 184) }
```

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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