

Converting Colors

$Y_{xy}(35.6694, 0.2563, 0.3303)$

Have a look what the booklet for
Yxy(35.6694, 0.2563, 0.3303)
contains.

Yxy(35.5183, 0.2562, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5183, 0.2562, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	63ADAC
RGB	99, 173, 172
RGB Percent	39%, 68%, 67%
CMY	0.6115, 0.3216, 0.3254
CMYK	0.43, 0.00, 0.01, 0.32
HSL	179°, 31%, 53%
HSV	179°, 43%, 68%
XYZ	27.5417, 35.5183, 44.4409
YIQ	150.7600, -43.7830, -15.9990

Conversions

Conversions Part 2

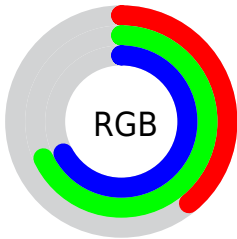
Format	Color
R_{YB}	99, 136, 173
Decimal	6532524
CIE _{Lab}	66.15, -23.23, -6.72
CIE _{LCh}	66, 24.180, 196.129
Yxy	35.5183, 0.2562, 0.3304
Android (android.graphics.Color)	4284722604 (0xFF63ADAC)
YUV	150.7600, 10.4713, -45.3935
Hunter-Lab	59.5972, -21.8048, -2.4937

Details

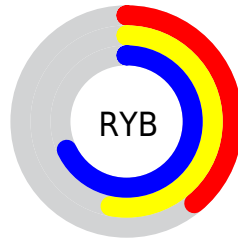
The Yxy color **35.5183, 0.2562, 0.3304** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7406, 0.4199, 0.3278**, and the grayscale version is **30.8152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4547, 0.2672, 0.3313**, and **15.3026, 0.2385, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **34.6379, 0.2467, 0.3308**, and if you desaturate by 10%, it is **36.6102, 0.2674, 0.3300**.

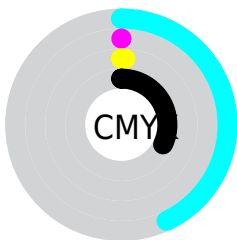
Distribution



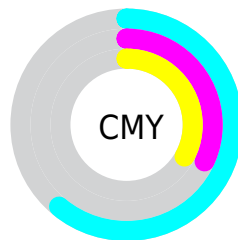
- Red (39%)
- Green (68%)
- Blue (67%)



- Red (39%)
- Yellow (53%)
- Blue (68%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)





- Cyan (61%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5183, 0.2562, 0.3304 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 35.5183, 0.2562, 0.3304 by changing the saturation by 10% instead.


 35.5183, 0.2562,
0.3304


 35.5183, 0.2562,
0.3304


326.8502, 0.2853,
0.3302


 24.0624, 0.2487,
0.3303


 68.2879, 0.2670,
0.3305

 15.3799, 0.2389,
0.3300


 90.3704, 0.2709,
0.3304

 9.0865, 0.2256,
0.3293


 116.7639, 0.2743,
0.3304

 4.7976, 0.2067,
0.3279

 147.8528, 0.2771,
0.3304

 2.1290, 0.1778,
0.3244

184.0215, 0.2796,
0.3303

 0.6809, 0.0402,
0.3415

225.6544, 0.2817,

 0.0000, 0.0000,

0.3303

0.0000

273.1358, 0.2836,
0.3302

■ 35.5183, 0.2562,
0.3304

■ 35.5183, 0.2562,
0.3304

■ 34.6379, 0.2467,
0.3308

■ 36.6102, 0.2674,
0.3300

■ 33.9515, 0.2389,
0.3312

■ 37.9217, 0.2800,
0.3297

■ 33.4454, 0.2330,
0.3316


■ 39.4656, 0.2939,
0.3294

■ 33.1023, 0.2290,
0.3320


■ 41.2523, 0.3086,
0.3291

■ 32.9019, 0.2267,
0.3324


■ 43.2918, 0.3239,
0.3288

 32.8132, 0.2258,
0.3327

 45.5934, 0.3395,
0.3286

 48.1660, 0.3553,
0.3284

 51.0179, 0.3709,
0.3282

 54.1574, 0.3861,
0.3281

Harmonies

Analogous

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



35.5183, 0.2830, 0.3657



35.5183, 0.2562, 0.3304



35.5183, 0.2443, 0.2973

Triad

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



35.5183, 0.2562, 0.3304



35.5183, 0.3032, 0.2762



35.5183, 0.3794, 0.3802

Complementary

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



35.5183, 0.2562, 0.3304



18.7406, 0.4199, 0.3278

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.



35.5183, 0.3864, 0.3538



35.5183, 0.2562, 0.3304



35.5183, 0.3409, 0.2958

Square

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



35.5183, 0.2562, 0.3304



35.5183, 0.2701, 0.2686



35.5183, 0.3720, 0.3235



35.5183, 0.3542, 0.3947

Rectangle

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



35.5183, 0.2562, 0.3304



35.5183, 0.2457, 0.2812



35.5183, 0.3720, 0.3235



35.5183, 0.3840, 0.3723

Sweetspot

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



35.5197, 0.2562, 0.3304



70.5417, 0.2932, 0.3294



33.5127, 0.3076, 0.4584



15.1944, 0.2901, 0.3294



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.5197, 0.2562, 0.3304



62.1604, 0.2474, 0.3308



23.6390, 0.2456, 0.2678



9.0702, 0.2988, 0.3293



24.1094, 0.2258, 0.3327



0.6713, 0.2254, 0.3314

Inverse Universe

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



18.7406, 0.4199, 0.3278



28.2117, 0.4569, 0.3277



27.0569, 0.3975, 0.3825



8.0170, 0.3284, 0.3287



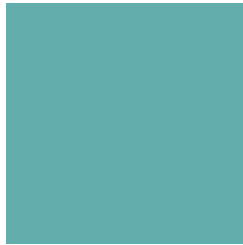
6.5312, 0.6383, 0.3290



0.1822, 0.6304, 0.3246

Previews

White Background



This preview shows how the Yxy color 35.5183, 0.2562, 0.3304 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 35.5183, 0.2562, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

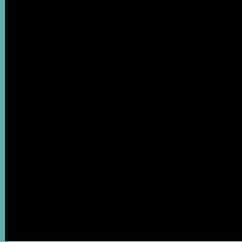
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

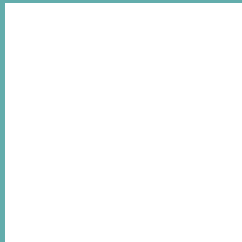
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.5183, 0.2562, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 35.5183, 0.2562, 0.3304.

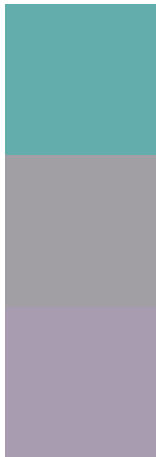


This preview shows how white text looks on a background with the Yxy color 35.5183, 0.2562, 0.3304.

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

35.5183, 0.2562, 0.3304

Protanopia

35.1580, 0.3111, 0.3217

Deuteranopia

35.2364, 0.3064, 0.3009



Tritanopia

35.5122, 0.2500, 0.3071

Trichromacy



Original Color

35.5183, 0.2562, 0.3304

Protanomaly

34.8299, 0.2877, 0.3244

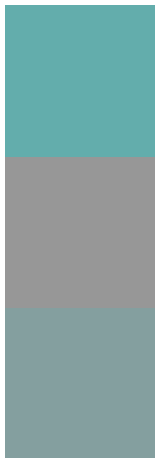
Deuteranomaly

34.7754, 0.2847, 0.3095

Tritanomaly

35.6251, 0.2527, 0.3162

Monochromacy



Original Color

35.5183, 0.2562, 0.3304

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.2050, 0.2877, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5183, 0.2562, 0.3304 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(99, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(99, 173, 172)  
}
```

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(99, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 173, 172) }
```

Border

The CSS property to change the border of an element to Yxy 35.5183, 0.2562, 0.3304 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(99, 173, 172) }
```

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

```
.border{ border-color:rgb(99, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(99, 173,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5183, 0.2562, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 173, 172) }
```

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

```
.background{ background-color: rgb(99, 173,  
172) }
```

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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