

Converting Colors

$Y_{xy}(42.7344, 0.3111, 0.3519)$

Have a look what the booklet for
Yxy(42.7344, 0.3111, 0.3519)
contains.

Yxy(42.5659, 0.3108, 0.3516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.5659, 0.3108, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	A2B3A3
RGB	162, 179, 163
RGB Percent	64%, 70%, 64%
CMY	0.3648, 0.2980, 0.3609
CMYK	0.10, 0.00, 0.09, 0.30
HSL	123°, 10%, 67%
HSV	123°, 10%, 70%
XYZ	37.6265, 42.5659, 40.8710
YIQ	172.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

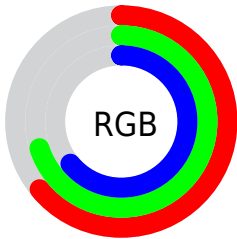
Format	Color
RYB	162, 178, 179
Decimal	10662819
CIELab	71.26, -8.99, 6.18
CIELCh	71, 10.903, 145.503
Yxy	42.5659, 0.3108, 0.3516
Android (android.graphics.Color)	4288852899 (0xFFA2B3A3)
YUV	172.0930, -4.4828, -8.8516
Hunter-Lab	65.2425, -11.2304, 8.5277

Details

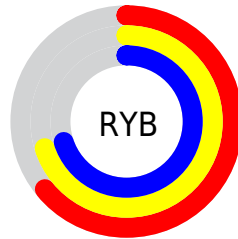
The Yxy color **42.5659, 0.3108, 0.3516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6345, 0.3147, 0.3074**, and the grayscale version is **41.3281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2303, 0.3112, 0.3474**, and **19.3844, 0.3101, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **40.2603, 0.3087, 0.3785**, and if you desaturate by 10%, it is **45.2225, 0.3128, 0.3279**.

Distribution



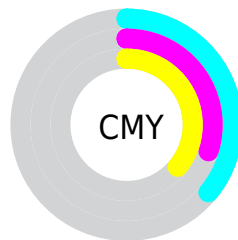
- Red (64%)
- Green (70%)
- Blue (64%)



- Red (64%)
- Yellow (70%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)





- Cyan (36%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5659, 0.3108, 0.3516 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 42.5659, 0.3108, 0.3516 by changing the saturation by 10% instead.

 42.5659, 0.3108,
0.3516

 42.5659, 0.3108,
0.3516

356.8235, 0.3119,
0.3400

 29.5447, 0.3105,
0.3546


 79.0554, 0.3112,
0.3473

 19.4932, 0.3101,
0.3586


 103.2924, 0.3114,
0.3457

 12.0272, 0.3095,
0.3640


132.0368, 0.3115,
0.3444

 6.7622, 0.3086,
0.3718

165.6730, 0.3116,
0.3432

 3.3138, 0.3071,
0.3841

204.5854, 0.3117,
0.3422

 1.2977, 0.3041,
0.4062

249.1583, 0.3117,

 0.1394, 0.0000,

0.3414

1.0000

299.7762, 0.3118,
0.3406

0.0000, 0.0000,
0.0000

42.5659, 0.3108,
0.3516

42.5659, 0.3108,
0.3516

40.2603, 0.3087,
0.3785

45.2225, 0.3128,
0.3279

38.2860, 0.3065,
0.4084

48.2382, 0.3147,
0.3073

36.6293, 0.3043,
0.4408

51.6277, 0.3164,
0.2895

35.2736, 0.3023,
0.4746

55.4032, 0.3179,
0.2741

34.2009, 0.3006,
0.5082

59.5762, 0.3193,
0.2609

■ 33.3910, 0.2994,
0.5392

■ 60.7247, 0.3162,
0.2546

■ 32.8213, 0.2987,
0.5652

■ 32.4653, 0.2987,
0.5843

■ 32.2751, 0.2990,
0.5958

Harmonies

Analogous

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



42.5659, 0.3264, 0.3566



42.5659, 0.3108, 0.3516



42.5659, 0.2960, 0.3400

Triad

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



42.5659, 0.3108, 0.3516



42.5659, 0.2873, 0.3043



42.5659, 0.3404, 0.3314

Complementary

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



42.5659, 0.3108, 0.3516



38.6345, 0.3147, 0.3074

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.



42.5659, 0.3294, 0.3182



42.5659, 0.3108, 0.3516



42.5659, 0.2986, 0.3027

Square

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



42.5659, 0.3108, 0.3516



42.5659, 0.2826, 0.3125



42.5659, 0.3140, 0.3078



42.5659, 0.3438, 0.3444

Rectangle

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



42.5659, 0.3108, 0.3516



42.5659, 0.2885, 0.3304



42.5659, 0.3140, 0.3078



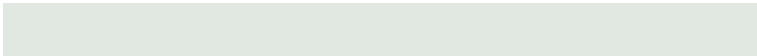
42.5659, 0.3375, 0.3269

Sweetspot

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



42.5677, 0.3108, 0.3516



79.2264, 0.3121, 0.3359



44.3366, 0.3259, 0.3520



17.4670, 0.3120, 0.3378



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.5677, 0.3108, 0.3516



75.4931, 0.3105, 0.3559



42.8778, 0.3042, 0.3397



9.4979, 0.3108, 0.3511



22.8020, 0.2987, 0.5954



0.7201, 0.2935, 0.5765

Inverse Universe

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



38.6345, 0.3147, 0.3074



67.3045, 0.3150, 0.3035



38.3083, 0.3221, 0.3186



8.6380, 0.3146, 0.3078



8.7883, 0.3359, 0.1624



0.2791, 0.3313, 0.1599

Previews

White Background



This preview shows how the Yxy color 42.5659, 0.3108, 0.3516 looks on a white background.

Color Contrast Check

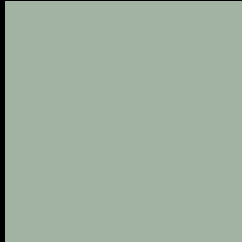
Large Text (above 18pt) WCAG AA × Fail

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 42.5659, 0.3108, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

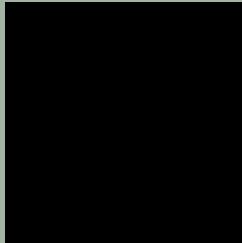
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

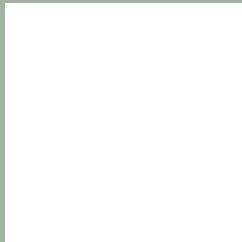
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5659, 0.3108, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 42.5659, 0.3108, 0.3516.



This preview shows how white text looks on a background with the Yxy color 42.5659, 0.3108, 0.3516.

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

42.5659, 0.3108, 0.3516

Protanopia

42.6339, 0.3309, 0.3480

Deuteranopia

42.1912, 0.3397, 0.3330



Tritanopia

42.4411, 0.2940, 0.3100

Trichromacy



Original Color

42.5659, 0.3108, 0.3516

Protanomaly

42.6225, 0.3233, 0.3496

Deuteranomaly

42.1305, 0.3286, 0.3398

Tritanomaly

42.3453, 0.3001, 0.3235

Monochromacy



Original Color

42.5659, 0.3108, 0.3516

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8493, 0.3114, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5659, 0.3108, 0.3516 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(162, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 163)  
}
```

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(162, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 163) }
```

Border

The CSS property to change the border of an element to Yxy 42.5659, 0.3108, 0.3516 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(162, 179, 163) }
```

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

```
.border{ border-color:rgb(162, 179, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5659, 0.3108, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 163) }
```

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

```
.background{ background-color: rgb(162,  
179, 163) }
```

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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