

Converting Colors

$Y_{xy}(42.2082, 0.2945, 0.3463)$

Have a look what the booklet for
Yxy(42.2082, 0.2945, 0.3463)
contains.

Yxy(42.2082, 0.2945, 0.3463)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.2082, 0.2945, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	94B5A9
RGB	148, 181, 169
RGB Percent	58%, 71%, 66%
CMY	0.4197, 0.2902, 0.3373
CMYK	0.18, 0.00, 0.07, 0.29
HSL	158°, 18%, 65%
HSV	158°, 18%, 71%
XYZ	35.8946, 42.2082, 43.7805
YIQ	169.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

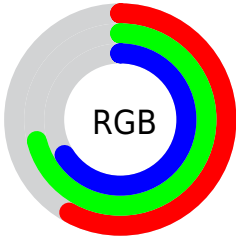
Format	Color
RYB	148, 168, 181
Decimal	9745833
CIELab	71.01, -13.65, 2.41
CIElCh	71, 13.862, 169.999
Yxy	42.2082, 0.2945, 0.3463
Android (android.graphics.Color)	4287935913 (0xFF94B5A9)
YUV	169.7650, -0.3771, -19.0879
Hunter-Lab	64.9678, -15.0727, 5.5232

Details

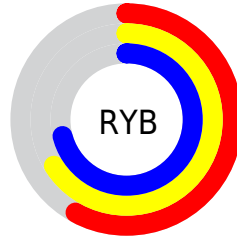
The Yxy color **42.2082, 0.2945, 0.3463** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.5397, 0.3352, 0.3124**, and the grayscale version is **40.0823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5067, 0.2978, 0.3433**, and **19.2641, 0.2892, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **40.4106, 0.2852, 0.3572**, and if you desaturate by 10%, it is **44.2857, 0.3043, 0.3364**.

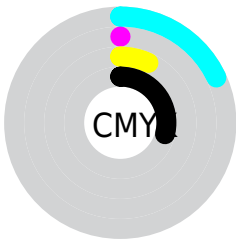
Distribution



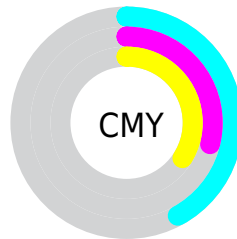
- Red (58%)
- Green (71%)
- Blue (66%)



- Red (58%)
- Yellow (66%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)




- Cyan (42%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2082, 0.2945, 0.3463 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 42.2082, 0.2945, 0.3463 by changing the saturation by 10% instead.


 42.2082, 0.2945,
0.3463


 42.2082, 0.2945,
0.3463

355.3453, 0.3038,
0.3374

 29.2644, 0.2921,
0.3486

 78.5146, 0.2979,
0.3430

 19.2809, 0.2890,
0.3516


 102.6460, 0.2992,
0.3418

 11.8734, 0.2848,
0.3557


131.2753, 0.3003,
0.3408

 6.6575, 0.2788,
0.3616

164.7870, 0.3012,
0.3399

 3.2489, 0.2695,
0.3708

203.5655, 0.3020,
0.3392

 1.2630, 0.2532,
0.3872

247.9951, 0.3027,

 0.1123, 0.0000,

0.3385

1.0000

298.4602, 0.3033,
0.3379

■ 0.0000, 0.0000,
0.0000

■ 42.2082, 0.2945,
0.3463

■ 42.2082, 0.2945,
0.3463

■ 40.4106, 0.2852,
0.3572

■ 44.2857, 0.3043,
0.3364

■ 38.8753, 0.2768,
0.3690

■ 46.6495, 0.3145,
0.3275

■ 37.5907, 0.2695,
0.3816


■ 49.3123, 0.3248,
0.3195

■ 36.5420, 0.2637,
0.3949

■ 52.2845, 0.3350,
0.3125


■ 35.7133, 0.2596,
0.4087


■ 55.5758, 0.3450,
0.3063

 35.0862, 0.2574,
0.4227

 58.8922, 0.3534,
0.3007


 34.6394, 0.2572,
0.4366

 59.2248, 0.3478,
0.2941

 34.3381, 0.2588,
0.4503

 59.5709, 0.3423,
0.2876

 34.2907, 0.2591,
0.4527

 59.9310, 0.3369,
0.2811

Harmonies

Analogous

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



42.2082, 0.3139, 0.3600



42.2082, 0.2945, 0.3463



42.2082, 0.2803, 0.3278

Triad

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



42.2082, 0.2945, 0.3463



42.2082, 0.2916, 0.2954



42.2082, 0.3525, 0.3456

Complementary

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



42.2082, 0.2945, 0.3463



33.5397, 0.3352, 0.3124

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.



42.2082, 0.3462, 0.3288



42.2082, 0.2945, 0.3463



42.2082, 0.3105, 0.3005

Square

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



42.2082, 0.2945, 0.3463



42.2082, 0.2786, 0.2988



42.2082, 0.3306, 0.3125



42.2082, 0.3477, 0.3588

Rectangle

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



42.2082, 0.2945, 0.3463



42.2082, 0.2754, 0.3158



42.2082, 0.3306, 0.3125



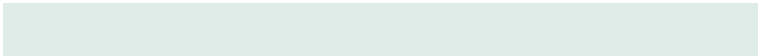
42.2082, 0.3516, 0.3402

Sweetspot

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



42.2100, 0.2945, 0.3463



80.5867, 0.3075, 0.3335



42.6726, 0.3209, 0.3763



17.3562, 0.3068, 0.3341



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.



42.2100, 0.2945, 0.3463



74.2011, 0.2906, 0.3507



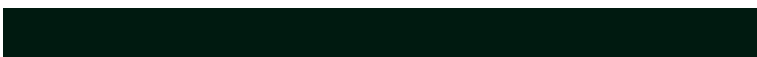
40.9203, 0.2854, 0.3226



9.5780, 0.3033, 0.3374



23.6504, 0.2586, 0.4510



0.7549, 0.2480, 0.4128

Inverse Universe

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



33.5397, 0.3352, 0.3124



55.7105, 0.3415, 0.3084



34.5463, 0.3464, 0.3353



8.5547, 0.3232, 0.3207



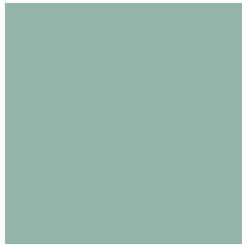
7.0553, 0.5485, 0.2795



0.2334, 0.4713, 0.2370

Previews

White Background



This preview shows how the Yxy color 42.2082, 0.2945, 0.3463 looks on a white background.

Color Contrast Check

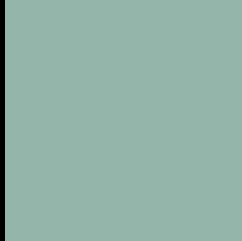
Large Text (above 18pt) WCAG AA × Fail

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 42.2082, 0.2945, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

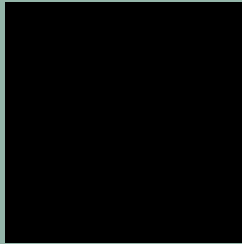
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

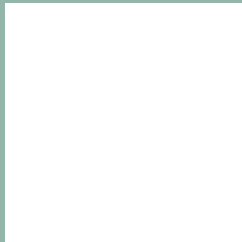
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2082, 0.2945, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 42.2082, 0.2945, 0.3463.



This preview shows how white text looks on a background with the Yxy color 42.2082, 0.2945, 0.3463.

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

42.2082, 0.2945, 0.3463

Protanopia

42.1512, 0.3257, 0.3412

Deuteranopia

42.0602, 0.3306, 0.3238



Tritanopia

42.3220, 0.2807, 0.3096

Trichromacy



Original Color

42.2082, 0.2945, 0.3463

Protanomaly

42.1287, 0.3138, 0.3429

Deuteranomaly

41.9414, 0.3162, 0.3317

Tritanomaly

42.2802, 0.2858, 0.3219

Monochromacy



Original Color

42.2082, 0.2945, 0.3463

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8558, 0.3054, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2082, 0.2945, 0.3463 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(148, 181, 169)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 169)  
}
```

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(148, 181, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 169) }
```

Border

The CSS property to change the border of an element to Yxy 42.2082, 0.2945, 0.3463 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(148, 181, 169) }
```

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

```
.border{ border-color:rgb(148, 181, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 181, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 169);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2082, 0.2945, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 169) }
```

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

```
.background{ background-color: rgb(148,  
181, 169) }
```

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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