

Converting Colors

$Y_{xy}(42.1936, 0.2955, 0.3487)$

Have a look what the booklet for
Yxy(42.1936, 0.2955, 0.3487)
contains.

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Color

Yxy(42.1337, 0.2960, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	94B5A7
RGB	148, 181, 167
RGB Percent	58%, 71%, 65%
CMY	0.4195, 0.2902, 0.3451
CMYK	0.18, 0.00, 0.08, 0.29
HSL	155°, 18%, 65%
HSV	155°, 18%, 71%
XYZ	35.7147, 42.1337, 42.8094
YIQ	169.5370, -15.1740, -11.3500

Conversions

Conversions Part 2

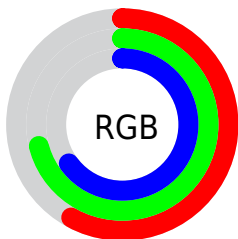
Format	Color
RYB	148, 169, 181
Decimal	9745831
CIELab	70.96, -14.04, 3.42
CIELCh	71, 14.446, 166.311
Yxy	42.1337, 0.2960, 0.3492
Android (android.graphics.Color)	4287935911 (0xFF94B5A7)
YUV	169.5370, -1.2507, -18.8879
Hunter-Lab	64.9105, -15.3800, 6.3347

Details

The Yxy color $42.1337, 0.2960, 0.3492$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $33.6204, 0.3332, 0.3097$, and the grayscale version is $39.9710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3989, 0.2989, 0.3455$, and $19.2175, 0.2912, 0.3555$ is the 20% darker color. If you saturate the color by 10%, you get $40.3013, 0.2874, 0.3620$, and if you desaturate by 10%, it is $44.2504, 0.3051, 0.3376$.

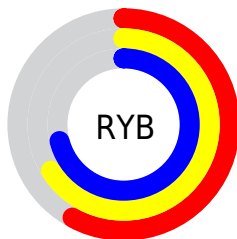
Distribution



Red (58%)

Green (71%)

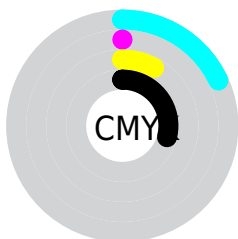
Blue (65%)



Red (58%)

Yellow (66%)

Blue (71%)

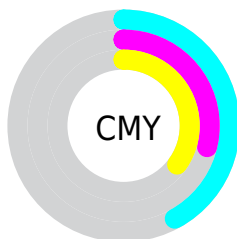


Cyan (18%)

Magenta (0%)

Yellow (8%)

Black (29%)



Cyan (42%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1337, 0.2960, 0.3492 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 42.1337, 0.2960, 0.3492 by changing the saturation by 10% instead.


 42.1337, 0.2960,
0.3492


 42.1337, 0.2960,
0.3492

355.0369, 0.3046,
0.3388

 29.2060, 0.2938,
0.3519


 78.4019, 0.2992,
0.3453

 19.2367, 0.2909,
0.3554


 102.5113, 0.3003,
0.3439

 11.8414, 0.2870,
0.3603


131.1166, 0.3013,
0.3427

 6.6358, 0.2814,
0.3673

164.6023, 0.3022,
0.3417

 3.2354, 0.2726,
0.3783

203.3528, 0.3029,
0.3408

 1.2558, 0.2571,
0.3982

247.7524, 0.3035,

 0.1066, 0.0000,

0.3401

1.0000

298.1857, 0.3041,
0.3394

■ 0.0000, 0.0000,
0.0000

■ 42.1337, 0.2960,
0.3492

■ 42.1337, 0.2960,
0.3492

■ 40.3013, 0.2874,
0.3620

■ 44.2504, 0.3051,
0.3376

■ 38.7355, 0.2796,
0.3758

■ 46.6579, 0.3144,
0.3272

■ 37.4245, 0.2729,
0.3907

■ 49.3690, 0.3238,
0.3180

■ 36.3536, 0.2676,
0.4065

■ 52.3940, 0.3330,
0.3098

■ 35.5066, 0.2640,
0.4227

■ 55.7431, 0.3421,
0.3026

■ 34.8650, 0.2623,
0.4392

■ 59.1165, 0.3495,
0.2961

■ 34.4074, 0.2626,
0.4556

■ 59.5162, 0.3431,
0.2885

■ 34.0990, 0.2647,
0.4715

■ 59.9347, 0.3368,
0.2810

■ 34.0501, 0.2651,
0.4743

■ 60.3722, 0.3306,
0.2737

Harmonies

Analogous

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



42.1337, 0.3165, 0.3625



42.1337, 0.2960, 0.3492



42.1337, 0.2803, 0.3302

Triad

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



42.1337, 0.2960, 0.3492



42.1337, 0.2886, 0.2940



42.1337, 0.3540, 0.3442

Complementary

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



42.1337, 0.2960, 0.3492



33.6204, 0.3332, 0.3097

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.



42.1337, 0.3461, 0.3265



42.1337, 0.2960, 0.3492



42.1337, 0.3078, 0.2982

Square

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



42.1337, 0.2960, 0.3492



42.1337, 0.2761, 0.2986



42.1337, 0.3289, 0.3100



42.1337, 0.3504, 0.3587

Rectangle

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



42.1337, 0.2960, 0.3492



42.1337, 0.2744, 0.3174



42.1337, 0.3289, 0.3100



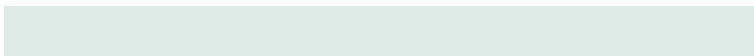
42.1337, 0.3526, 0.3384

Sweetspot

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



42.1355, 0.2960, 0.3492



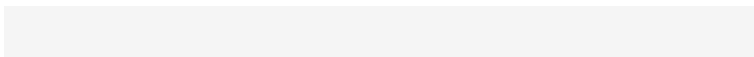
80.5471, 0.3080, 0.3342



42.9003, 0.3228, 0.3760



17.3465, 0.3073, 0.3350



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.



42.1355, 0.2960, 0.3492



74.0421, 0.2924, 0.3544



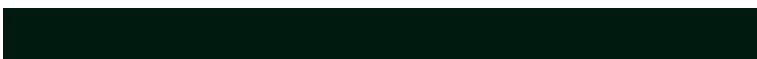
41.7946, 0.2856, 0.3258



9.5693, 0.3041, 0.3388



23.4879, 0.2645, 0.4723



0.7504, 0.2522, 0.4278

Inverse Universe

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



33.6204, 0.3332, 0.3097



55.8590, 0.3389, 0.3050



33.8462, 0.3469, 0.3322



8.5631, 0.3223, 0.3194



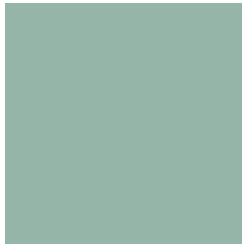
7.1534, 0.5243, 0.2662



0.2368, 0.4538, 0.2274

Previews

White Background



This preview shows how the Yxy color 42.1337, 0.2960, 0.3492 looks on a white background.

Color Contrast Check

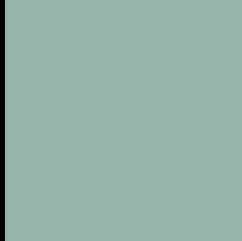
Large Text (above 18pt) WCAG AA × Fail

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 42.1337, 0.2960, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

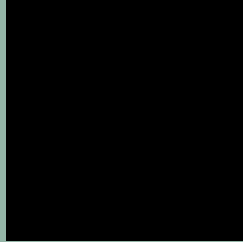
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1337, 0.2960, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 42.1337, 0.2960, 0.3492.



This preview shows how white text looks on a background with the Yxy color 42.1337, 0.2960, 0.3492.

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

42.1337, 0.2960, 0.3492

Protanopia

42.0795, 0.3274, 0.3440

Deuteranopia

41.9839, 0.3324, 0.3264



Tritanopia

42.0224, 0.2814, 0.3082

Trichromacy



Original Color

42.1337, 0.2960, 0.3492

Protanomaly

42.0558, 0.3155, 0.3457

Deuteranomaly

41.8657, 0.3178, 0.3345

Tritanomaly

41.8390, 0.2864, 0.3219

Monochromacy



Original Color

42.1337, 0.2960, 0.3492

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8181, 0.3062, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1337, 0.2960, 0.3492 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 167) }
```

Border

The CSS property to change the border of an element to Yxy 42.1337, 0.2960, 0.3492 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, 167) }
```

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

```
.border{ border-color:rgb(148, 181, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1337, 0.2960, 0.3492 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, 167) }
```

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

```
.background{ background-color: rgb(148,  
181, 167) }
```

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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