

Converting Colors

$Yxy(41.9111, 0.3148, 0.3495)$

Have a look what the booklet for
Yxy(41.9111, 0.3148, 0.3495)
contains.

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Color

Yxy(42.0522, 0.3144, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	A5B1A2
RGB	165, 177, 162
RGB Percent	65%, 69%, 64%
CMY	0.3528, 0.3059, 0.3648
CMYK	0.07, 0.00, 0.08, 0.31
HSL	108°, 9%, 66%
HSV	108°, 8%, 69%
XYZ	37.7641, 42.0522, 40.2985
YIQ	171.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

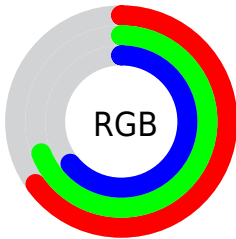
Format	Color
RYB	162, 177, 174
Decimal	10858914
CIELab	70.91, -7.02, 6.24
CIElCh	71, 9.395, 138.347
Yxy	42.0522, 0.3144, 0.3501
Android (android.graphics.Color)	4289048994 (0xFFA5B1A2)
YUV	171.7020, -4.7831, -5.8777
Hunter-Lab	64.8477, -9.5338, 8.5486

Details

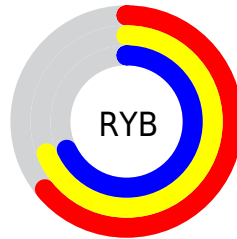
The Yxy color **42.0522, 0.3144, 0.3501** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9997, 0.3108, 0.3084**, and the grayscale version is **41.1245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5032, 0.3139, 0.3462**, and **19.0518, 0.3151, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **40.0383, 0.3162, 0.3776**, and if you desaturate by 10%, it is **44.3251, 0.3124, 0.3255**.

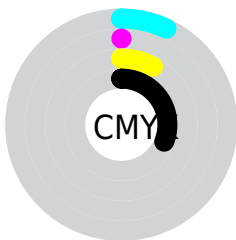
Distribution



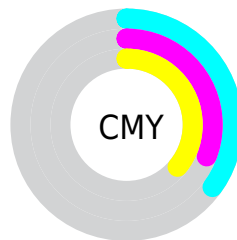
- Red (65%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)





- Cyan (35%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0522, 0.3144, 0.3501 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 42.0522, 0.3144, 0.3501 by changing the saturation by 10% instead.

 42.0522, 0.3144,
0.3501


 42.0522, 0.3144,
0.3501


354.6993, 0.3136,
0.3392

 29.1422, 0.3146,
0.3529


 78.2786, 0.3141,
0.3461

 19.1884, 0.3148,
0.3566


 102.3638, 0.3140,
0.3446

 11.8065, 0.3151,
0.3617


130.9428, 0.3139,
0.3433

 6.6120, 0.3154,
0.3689

164.4001, 0.3138,
0.3423

 3.2207, 0.3158,
0.3804

203.1199, 0.3138,
0.3414

 1.2480, 0.3163,
0.4013

247.4868, 0.3137,

 0.1004, 0.0000,

0.3406

1.0000

297.8852, 0.3137,
0.3399

0.0000, 0.0000,
0.0000

42.0522, 0.3144,
0.3501

42.0522, 0.3144,
0.3501

40.0383, 0.3162,
0.3776

44.3251, 0.3124,
0.3255

38.2688, 0.3177,
0.4078

46.8601, 0.3103,
0.3036

36.7360, 0.3188,
0.4401

49.6672, 0.3083,
0.2845

35.4295, 0.3191,
0.4735

52.7543, 0.3063,
0.2677

34.3385, 0.3186,
0.5063

56.1289, 0.3044,
0.2531

■ 33.4509, 0.3171,
0.5365

■ 58.9201, 0.3121,
0.2517

■ 32.7534, 0.3147,
0.5619

■ 59.9232, 0.3163,
0.2527

■ 32.2313, 0.3113,
0.5807

■ 31.8636, 0.3077,
0.5927

Harmonies

Analogous

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



42.0522, 0.3275, 0.3529



42.0522, 0.3144, 0.3501



42.0522, 0.3011, 0.3413

Triad

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



42.0522, 0.3144, 0.3501



42.0522, 0.2891, 0.3088



42.0522, 0.3349, 0.3283

Complementary

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



42.0522, 0.3144, 0.3501



37.9997, 0.3108, 0.3084

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.



42.0522, 0.3242, 0.3172



42.0522, 0.3144, 0.3501



42.0522, 0.2978, 0.3060

Square

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



42.0522, 0.3144, 0.3501



42.0522, 0.2866, 0.3172



42.0522, 0.3106, 0.3091



42.0522, 0.3395, 0.3399

Rectangle

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



42.0522, 0.3144, 0.3501



42.0522, 0.2938, 0.3333



42.0522, 0.3106, 0.3091



42.0522, 0.3319, 0.3244

Sweetspot

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



42.0540, 0.3144, 0.3501



77.4724, 0.3133, 0.3363



42.1277, 0.3255, 0.3451



16.7194, 0.3135, 0.3383



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



42.0540, 0.3144, 0.3501



74.6797, 0.3147, 0.3545



41.8842, 0.3083, 0.3442



9.5706, 0.3146, 0.3523



23.0755, 0.3078, 0.5938



0.7503, 0.3266, 0.5789

Inverse Universe

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



37.9997, 0.3108, 0.3084



66.0738, 0.3104, 0.3042



38.1872, 0.3174, 0.3143



8.5578, 0.3106, 0.3063



6.4293, 0.2706, 0.1265



0.2244, 0.2855, 0.1346

Previews

White Background



This preview shows how the Yxy color 42.0522, 0.3144, 0.3501 looks on a white background.

Color Contrast Check

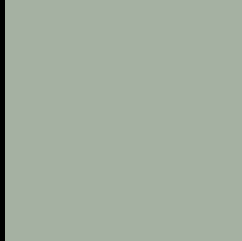
Large Text (above 18pt) WCAG AA × Fail

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 42.0522, 0.3144, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

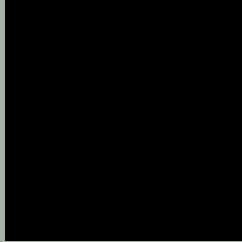
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

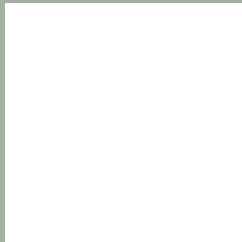
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0522, 0.3144, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 42.0522, 0.3144, 0.3501.



This preview shows how white text looks on a background with the Yxy color 42.0522, 0.3144, 0.3501.

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

42.0522, 0.3144, 0.3501

Protanopia

42.1285, 0.3301, 0.3467

Deuteranopia

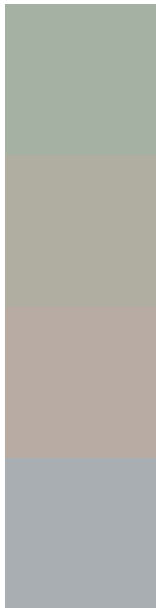
41.7871, 0.3408, 0.3330



Tritanopia

41.9100, 0.2980, 0.3101

Trichromacy



Original Color

42.0522, 0.3144, 0.3501

Protanomaly

41.9593, 0.3245, 0.3469

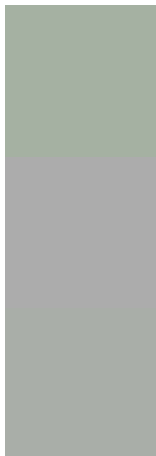
Deuteranomaly

41.8374, 0.3306, 0.3398

Tritanomaly

41.8113, 0.3042, 0.3235

Monochromacy



Original Color

42.0522, 0.3144, 0.3501

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.5343, 0.3132, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0522, 0.3144, 0.3501 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(165, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 162)  
}
```

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(165, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.0522, 0.3144, 0.3501 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(165, 177, 162) }
```

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

```
.border{ border-color:rgb(165, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0522, 0.3144, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 162) }
```

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

```
.background{ background-color: rgb(165,  
177, 162) }
```

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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