

Converting Colors

$Y_{xy}(41.2740, 0.3117, 0.3510)$

Have a look what the booklet for
Yxy(41.2740, 0.3117, 0.3510)
contains.

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Color

Yxy(41.2009, 0.3117, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	A1B0A1
RGB	161, 176, 161
RGB Percent	63%, 69%, 63%
CMY	0.3687, 0.3098, 0.3687
CMYK	0.09, 0.00, 0.09, 0.31
HSL	120°, 9%, 66%
HSV	120°, 9%, 69%
XYZ	36.6505, 41.2009, 39.7311
YIQ	169.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

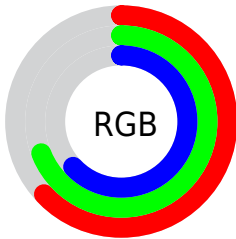
Format	Color
RYB	161, 176, 176
Decimal	10596513
CIELab	70.32, -8.12, 5.90
CIELCh	70, 10.043, 143.996
Yxy	41.2009, 0.3117, 0.3504
Android (android.graphics.Color)	4288786593 (0xFFA1B0A1)
YUV	169.8050, -4.3409, -7.7220
Hunter-Lab	64.1879, -10.4077, 8.2322

Details

The Yxy color **41.2009, 0.3117, 0.3504** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8457, 0.3137, 0.3085**, and the grayscale version is **40.1178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2700, 0.3119, 0.3464**, and **18.7923, 0.3102, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **38.9239, 0.3104, 0.3786**, and if you desaturate by 10%, it is **43.8261, 0.3129, 0.3256**.

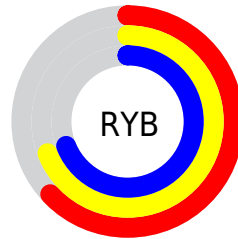
Distribution



Red (63%)

Green (69%)

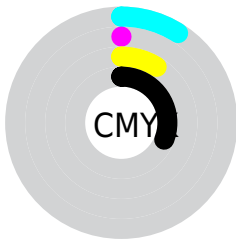
Blue (63%)



Red (63%)

Yellow (69%)

Blue (69%)

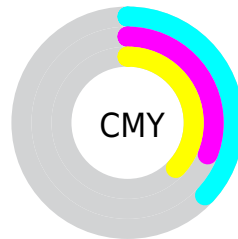


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (37%)

Magenta (31%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2009, 0.3117, 0.3504 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 41.2009, 0.3117, 0.3504 by changing the saturation by 10% instead.


 41.2009, 0.3117,
0.3504


 41.2009, 0.3117,
0.3504


351.1596, 0.3123,
0.3393

 28.4761, 0.3115,
0.3533


 76.9888, 0.3119,
0.3463

 18.6849, 0.3113,
0.3571


 100.8206, 0.3120,
0.3448

 11.4428, 0.3109,
0.3623


129.1236, 0.3121,
0.3435

 6.3655, 0.3103,
0.3698

162.2822, 0.3121,
0.3424

 3.0686, 0.3093,
0.3818

200.6806, 0.3122,
0.3415

 1.1676, 0.3076,
0.4045

244.7034, 0.3122,

 0.0350, 0.0000,

0.3407

1.0000

294.7349, 0.3123,
0.3400

0.0000, 0.0000,
0.0000

41.2009, 0.3117,
0.3504

41.2009, 0.3117,
0.3504

38.9239, 0.3104,
0.3786

43.8261, 0.3129,
0.3256

36.9756, 0.3089,
0.4101

46.8076, 0.3139,
0.3041

35.3422, 0.3073,
0.4441

50.1600, 0.3148,
0.2855

34.0073, 0.3056,
0.4795

53.8955, 0.3155,
0.2696

32.9529, 0.3040,
0.5143

58.0255, 0.3162,
0.2560

■ 32.1589, 0.3025,
0.5458

■ 59.5360, 0.3163,
0.2517

■ 31.6028, 0.3013,
0.5713

■ 31.2580, 0.3005,
0.5889

■ 31.0785, 0.3000,
0.5987

Harmonies

Analogous

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



41.2009, 0.3262, 0.3547



41.2009, 0.3117, 0.3504



41.2009, 0.2978, 0.3399

Triad

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



41.2009, 0.3117, 0.3504



41.2009, 0.2886, 0.3062



41.2009, 0.3381, 0.3307

Complementary

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



41.2009, 0.3117, 0.3504



37.8457, 0.3137, 0.3085

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.



41.2009, 0.3276, 0.3184



41.2009, 0.3117, 0.3504



41.2009, 0.2990, 0.3044

Square

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



41.2009, 0.3117, 0.3504



41.2009, 0.2846, 0.3142



41.2009, 0.3132, 0.3089



41.2009, 0.3417, 0.3429

Rectangle

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



41.2009, 0.3117, 0.3504



41.2009, 0.2906, 0.3310



41.2009, 0.3132, 0.3089



41.2009, 0.3353, 0.3264

Sweetspot

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



41.2027, 0.3117, 0.3504



77.2499, 0.3124, 0.3364



42.8599, 0.3252, 0.3496



16.6592, 0.3123, 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.



41.2027, 0.3117, 0.3504



74.0004, 0.3115, 0.3548



41.4755, 0.3057, 0.3396



9.4902, 0.3116, 0.3525



22.7828, 0.3000, 0.5999



0.7169, 0.2999, 0.5996

Inverse Universe

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



37.8457, 0.3137, 0.3085



66.8322, 0.3139, 0.3045



37.5566, 0.3204, 0.3186



8.6466, 0.3138, 0.3066



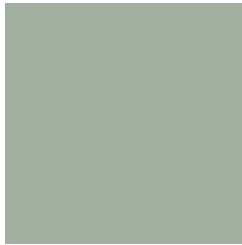
9.0676, 0.3211, 0.1543



0.2853, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 41.2009, 0.3117, 0.3504 looks on a white background.

Color Contrast Check

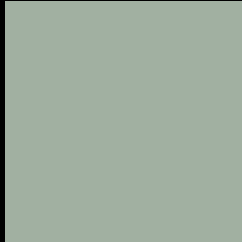
Large Text (above 18pt) WCAG AA × Fail

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 41.2009, 0.3117, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

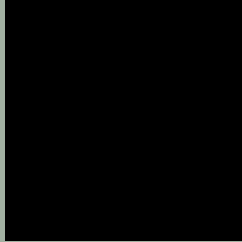
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

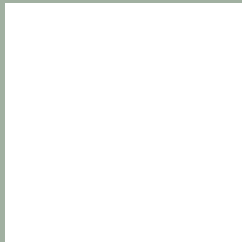
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2009, 0.3117, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 41.2009, 0.3117, 0.3504.



This preview shows how white text looks on a background with the Yxy color 41.2009, 0.3117, 0.3504.

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

41.2009, 0.3117, 0.3504

Protanopia

41.0594, 0.3303, 0.3469

Deuteranopia

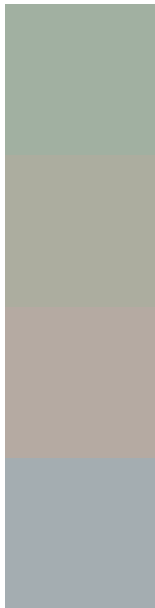
41.1232, 0.3400, 0.3330



Tritanopia

41.0496, 0.2953, 0.3098

Trichromacy



Original Color

41.2009, 0.3117, 0.3504

Protanomaly

41.1610, 0.3236, 0.3485

Deuteranomaly

41.1818, 0.3297, 0.3399

Tritanomaly

40.9540, 0.3016, 0.3234

Monochromacy



Original Color

41.2009, 0.3117, 0.3504

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5106, 0.3124, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2009, 0.3117, 0.3504 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(161, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 176, 161)  
}
```

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(161, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 176, 161) }
```

Border

The CSS property to change the border of an element to Yxy 41.2009, 0.3117, 0.3504 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(161, 176, 161) }
```

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

```
.border{ border-color:rgb(161, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 176,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2009, 0.3117, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 176, 161) }
```

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

```
.background{ background-color: rgb(161,  
176, 161) }
```

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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